

City of Mentor
BID SET

CITY OF MENTOR

**Purchase, Installation and Maintenance of
New Amphitheater Performance
Audio Systems**

April 2022

**Prepared under the supervision and
Approved By:**

**Kenn Kaminski
Parks, Recreation & Public Facilities Director
Date: April 15, 2022**

CITY OF MENTOR OFFICIALS

ADMINISTRATION

Kenneth J. Filipiak, City Manager

David W. Malinowski, Finance Director

Joseph P. Szeman, Law Director

David A. Swiger, City Engineer

Matthew Schweikert, Director of Public Works

Kenneth Kaminski, Director of Parks, Recreation and Public Facilities

Kevin Malecek, Director of Economic Development and International Trade

Kathy Mitchell, Planning Director

Kenneth K. Gunsch, Chief of Police

Robert Searles, Fire Chief

COUNCIL

Matthew E. Donovan, President

Scott J. Marn, Vice President

Sean P. Blake

Janet Dowling

Mark Freeman

John A. Krueger

Ray Kirchner

Julie Schiavoni, Clerk of Council

THE CITY OF MENTOR
8500 CIVIC CENTER BOULEVARD
MENTOR, OH 44060

SPECIFICATIONS AND BID FORMS FOR:
**PURCHASE, INSTALLATION AND MAINTENANCE FOR NEW
AMPHITHEATER PERFORMANCE AUDIO SYSTEMS**

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CITY OF MENTOR
PURCHASING OFFICE

DATE: Wednesday, MAY 11, 2022

12:00 P.M.

**ALL BIDS SUBMITTED MUST INCLUDE THE REQUIRED BID DEPOSIT
AND A PROPERLY EXECUTED BIDDERS ACCEPTANCE TO
CONTRACT (BAC-1).**

I. LEGAL NOTICE

The CITY OF MENTOR will receive sealed bids at the Purchasing Office, 2nd floor, 8500 Civic Center Blvd., Mentor, Ohio 44060, until 12:00 P.M. (local time) on Wednesday, May 11, 2022 and will be opened and read immediately thereafter for the following project:

Purchase, Installation and Maintenance for Amphitheater Performance Audio Systems

Bids must be in accordance with specifications advertised on the City of Mentor website: www.cityofmentor.com/category/rfp or RFP's will be available for pick-up at the Purchasing Office for the cost of printing. Bidders are responsible for checking for Addenda and obtaining any from the website.

Kenneth Filipiak, City Manager
([cityofmentor.com/legal notices](http://cityofmentor.com/legal%20notices))

NEWS HERALD:
PUBLISH DATES:

April 27, 2022
May 4, 2022

II.

INSTRUCTIONS TO BIDDERS

The Instructions to Bidders governs, except where amended by the Specifications.

The Bidder is responsible for reading and understanding all items herein:

1. Except as otherwise provided herein, the Instructions to Bidders, Proposal-Contract Form, and all specifications, drawings and other documents referred to herein shall be a part of the contract.

2. DEFINITIONS:

A. The term "Bidder" or "Contractor" shall mean the corporation, partnership or individual proposing or under contract to furnish the material, labor, and/or equipment listed in the Specifications.

B. The term "City" shall mean the City of Mentor, Ohio.

C. "Calendar Day" shall mean every day shown on the calendar.

D. "City Manager" shall mean the Mentor City Manager or his duly authorized representative.

3. PROPOSAL: To be entitled to consideration, a proposal must be made in accordance with the following instructions:

A. Preparation: Each proposal shall be submitted on the forms furnished by the City. All signatures shall be clearly and legibly written in long hand. No oral, facsimile or telephonic proposal or modifications will be considered. Each proposal shall show the breakdown for each item as directed on the Proposal-Contract Form. All proposals shall be considered informal which contain items not specified in the Proposal-Contract Form.

Prices for material and equipment shall include transporting and delivery to any place designated on the City's purchase order, within the corporate limits of the City. In the event of a discrepancy between unit proposal prices and extension thereof, the unit proposal price shall govern.

B. Names of Bidders: Each proposal shall give the full business address of the Bidder(s) and be signed by them with their usual signature. Proposals by partnerships shall furnish the full names of all partners and shall be signed with the partnership name by one of the members of the partnership or by an authorized representative, followed by the signature and title of the person signing.

Proposals by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and title of the President, Secretary or other person authorized to bind it in the matter.

The name of each person signing shall also be typed or printed below the signature. A proposal by a person

who affixes to their signature the word "President," "Secretary," "Agent" or other title without disclosing their principal may be held to be the proposal of the individual signing.

When requested by the City, satisfactory evidence of the authority of the officer or agent signing on behalf of a corporation or partnership shall be furnished.

C. Delivery: The proposal shall be sealed in an envelope, addressed to:

City of Mentor
c/o Purchasing Department
8500 Civic Center Boulevard
Mentor, Ohio 44060

and delivered to the office of the Purchasing Coordinator on the date set forth in the legal advertisement. The sealed envelope shall also bear the name of the Bidder, the general item(s) proposed, and the date the proposals are to be opened. Proposals will be received until the date and time specified in the legal advertisement. Proposals will be opened and read immediately thereafter, in 2nd Floor Conference Room, Mentor Municipal Center. Proposals received after the date and time specified will be returned unopened to the Bidder.

D. Proposal to Include All Work: Each proposal shall include all equipment, material, supplies or services described in the Instructions to Bidders, Specifications, Proposal-Contract Form and all drawings.

E. Withdrawal of Proposal: Permission will not be given to withdraw or modify any proposal after it has been deposited as provided above. Negligence on the part of a Bidder in preparing the proposal confers no right for the withdrawal of the proposal after it has been opened.

F. Acceptance or Rejection of Proposal: The City reserves the right to accept any proposals within sixty (60) calendar days after the same are opened, as provided above. The City reserves the right to accept any proposals which, in its opinion, are deemed to be in the best interest of the City. The City reserves the right to reject any or all proposals.

In determining the award, each item may be considered separately, and separate contracts may be awarded on the various items, unless specified to the contrary in the Specifications.

G. Proposal Bond or Check: Each proposal must be accompanied by a cashier's or certified check, an irrevocable letter of credit, or by a proposal bond, signed by a surety company authorized to do business in the State

of Ohio, in the amount of five (5) percent of the proposal and made payable to the City of Mentor, as a guarantee that the contract will be honored in the event it is awarded to the Bidder, and as a guarantee that the Bidder to whom the contract is awarded will sign all documents necessary to formalize the contract, if any.

H. Forfeiture of Check or Proposal Bond: If the Bidder to whom the contract is awarded shall fail to honor the contract, or fail to sign the documents necessary to formalize the contract, if any, the deposit accompanying the proposal shall thereupon be forfeited to the City for and as liquidated damages. The work may then be readvertised or awarded to the deemed second best Bidder as the City may determine.

I. Quantities: The quantities of the work shown on the Specifications and Proposal-Contract Form are estimated by the City and will be used as the basis for comparison of the proposals only. The City reserves the right to decrease or increase any quantities and to eliminate any item(s) on the plans or proposal.

J. Informal Proposals: Proposals may be rejected for the following reasons:

- 1) If the proposal is on a form other than that furnished by the City or if the form is altered or any part thereof detached.
- 2) If there are any unauthorized additions, conditional or alternate proposals, or other irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
- 3) If the Bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award. This does not exclude a proposal limiting the maximum gross amount of awards acceptable to any one Bidder at any one proposal letting, provided that the City will make any selection of awards.
- 4) If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items or lump sum items.

4. A. Competency of Bidders: No proposal will be considered unless the Bidder submitting the same shall furnish evidence satisfactory to the City Manager that they have the necessary equipment, ability and financial resources to fulfill the conditions of the contract and Specifications. Previous experience and responsibility of the Bidders will be considered in awarding the contract. No contract will be awarded to any Bidder who is in arrears to the City upon debt or contract, or who is in default as surety or otherwise upon any obligation to the City.

B. Disqualification of Bidders: Any of the following reasons may be considered as being sufficient for the disqualification of a Bidder and the rejection of their proposal or proposals.

- 1) More than one proposal for the same work from an individual, firm or corporation under the same or different names.
- 2) Evidence of collusion among Bidders. Participants in such collusion will receive no recognition as Bidders for any further work of the City until any such participant shall have been reinstated as a qualified Bidder.
- 3) Proposal prices that obviously are unbalanced.

5. WRITTEN AND ORAL EXPLANATIONS: Should a Bidder find discrepancies in, or omissions from, the drawings or Specifications, or should they be in doubt as to their meaning, they shall at once notify the City, which may send written instructions to all Bidders. The City will not be responsible for any oral instructions.

6. ADDENDUM OR MODIFICATION: Any addendum or modification issued during the time of bidding shall be covered in the proposal and in awarding a contract, such addendum or modification will become part thereof. In the event any such addendum or modification is issued by the City within 72 hours of the time set for the closing of proposals, excluding Saturdays, Sundays and legal holidays, the time for submitting proposals shall be extended one (1) week, with no further advertising of proposals.

7. TAX EXEMPTIONS: The City is exempt from federal excise and transportation taxes and Ohio State sales tax. Prices quoted should not include either federal excise or Ohio State sales tax. Tax exemption certificates covering these taxes will be furnished upon request.

The transportation tax is not applicable on any purchase consigned to the City and no tax exemption certificate is required. If for any reason a contemplated purchase would not be tax exempt, this fact will be indicated in the Specifications, and such taxes may be included in the price or shown as a separate item in the proposal.

8. DISCRIMINATION: In hiring of employees for the performance of work under this contract or any subcontract, neither the Contractor, subcontractor, nor any person acting in their behalf shall by reason of race, creed, color, age, sex or handicap discriminate against any citizen of the State in the employment of any laborer or worker who is qualified and available to perform the work to which the employment relates.

Neither the Contractor, subcontractor, nor any person in their behalf shall in any manner discriminate against or intimidate any employee hired for the performance of work under this contract on account of race, creed, color, age, sex or handicap.

9. INSURANCE: If the Specifications indicate insurance is required, then the Contractor shall obtain and pay for the following types of insurance:

- (a) Commercial General Liability insurance with minimum limits of not less than \$1,000,000 combined single lim-

it. Coverage is to include contractual liability, a per project general aggregate limit, primary and non-contributory other insurance provision, waiver of subrogation in favor of the City and additional insured status for the City including ongoing operations and products and completed operations. If such coverage is written on a Claims Made or Claims Made and Reported basis, (i) such coverage will have a retroactive date that is equal to or that precedes the date of the contract and be maintained for a minimum period of not less than three (3) years after the termination or expiration of the contract, (ii) may be replaced with other Claims Made or Claims Made and Reported coverage with a retroactive date that is equal to or that precedes the date of the contract and maintained for a minimum period of not less than three (3) years after the termination or expiration of the contract or (iii) may be cancelled after the termination of or expiration of the contract only if it is replaced by an extended reporting period with a duration of not less than three (3) years.

- (b) Automobile Liability insurance providing coverage for all owned, non-owned and hired automobiles with minimum limits not less than \$1,000,000 combined single limit. Coverage shall include additional insured status for the City and a waiver of subrogation for the City.
- (c) Worker's Compensation which meets all statutory minimum requirements

All policies must be written with insurance companies acceptable to the City. All policies are to provide the City with thirty (30) days advanced written notice of cancellation or non-renewal with the exception of cancellation for non-payment of premium which shall be ten (10) days. Contractor shall supply certificates of insurance evidencing the required coverage and shall furnish renewal certificates thirty (30) days prior to the renewal date. Failure of the City to request certificates does not relieve the Contractor from the obligation to maintain the required insurance.

- 10. **LIABILITY:** The Bidder shall defend, indemnify, and save harmless the City and its officers and agents from all claims, demands, payments, suits, actions, recoveries and judgments of every description, whether or not well founded by law, brought or recovered against it, by reason of any act or omission of said Bidder(s), their agents, subcontractors or employees, in the execution of the contract, or for the use of any patented inventions by said Bidder. A sum sufficient to cover aforesaid claims, including attorneys' fees, may be retained by the City from monies due or to become due to the Bidder under contract, until such claims shall have been discharged.
- 11. **ROYALTIES AND/OR LICENSE FEES:** The Bidder shall pay all royalties and license fees. The Bidder herein agrees to assume and save the City, its officers and agents harmless from liability of any kind or nature whatsoever, arising out of the use by the City, its officers and agents of any item, appliance, apparatus or mechanism, material or service which may be furnished or installed by the Bidder under the terms of this contract, including patent or copyright in-

fringement, and to defend the City from any and all such liabilities whether or not such claims are well founded by law.

- 12. **ASSIGNMENT OF CONTRACT:** The Bidder who is awarded a contract shall not assign, transfer, convey, sublet or otherwise dispose of said contract, or right, title or interest in or to the same, or any part thereof, without previous consent in writing from the City Manager, endorsed on or attached to the contract.
- 13. **CANCELLATION:** Should the material(s) supplied or delivered to the City under this contract fail at any time to meet the Specifications required by the contract, then in such event, the City may cancel this contract upon written notice to the Bidder.
- 14. **CONTROL OF WORK:** The City Manager, or his designated agent, will decide all questions which may arise as to the quality and acceptability of materials furnished and work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the plans and Specifications; all questions as to the acceptable fulfillment of the contract on the part of the Contractor, and as to compensation.
- 15. **CLAIMS FOR ADJUSTMENT AND DISPUTES:** If, in any case, the Contractor deems that additional compensation is due for work or material not clearly covered in the contract or not ordered by the City Manager as extra work, as defined herein, the Contractor shall notify the City Manager in writing of their intention to make claim for such additional compensation before they begin the work on which the claim is based. If such notification is not given and the City Manager is not afforded proper facilities by the Contractor for keeping strict account of actual costs as required, then the Contractor hereby agrees to waive any claim for such additional compensation. Such notice by the Contractor, and the fact that the City Manager has kept account of the cost aforesaid, shall not in any way be construed as proving or substantiating the validity of the claim. If the claim, after consideration by the City Manager, is found to be just, it will be paid as extra work in the amount as approved by the City Manager.
- 16. **DURATION OF CONTRACT:** The duration of the contract shall be for the period stated in the Specifications, and shall include all material, equipment and/or services ordered or delivered during the period. All prices quoted shall be for a definite fixed period unless otherwise noted in the Specifications.
- 17. **PURCHASES:** After a contract has been signed, it shall only become operative upon delivery to the Bidder a duly signed purchase order. The City shall only be obligated under the contract to the extent of such purchase order. The City shall not become liable for any claims in the event that the total quantity of material ordered or services performed under the contract should prove to be greater or less than the estimated amount in the Specifications.
- 18. **DELIVERY:** The Bidder agrees to make deliveries of supplies and materials within a reasonable period from the time purchase orders are received, which reasonable time is estimated to be thirty (30) days.

If deliveries are not made within such period, then the City may purchase such items in the open market; and if the prices paid by the City shall be greater than the contract price, the Bidder agrees to reimburse the City for any loss or losses that the City may thereby sustain.

Delivery time for vehicles and equipment may be extended beyond thirty (30) days, provided the Bidder has noted the delivery time in the appropriate space on the Proposal-Contract Form.

19. PAYMENT OF INVOICES: Invoices will be due and payable within thirty (30) days of receipt of the invoice by the City. All invoices should be mailed to the attention of the Accounts Payable Department. Payments may be made on a basis of estimated partial completion of work or delivery, and the City may withhold a percentage of each partial payment until completion of the contract. The City may withhold a percentage of the final estimate for a specified period as a guarantee. Such a procedure for partial payments must be provided for in the Specifications.
20. CONTRACT BOND: The successful Bidder will be required to furnish the approved bond for the faithful performance of the contract in the amount of one hundred percent (100%) of the contract price. Such bond shall be that of an approved surety company or personal bond upon which the sureties are persons not interested in the contract, or, if interested, collateral security shall be furnished, all of which is to be to the satisfaction of the Law Director, including sureties.

In lieu of a performance bond the City may elect to hold the Proposal Deposit Check, submitted with the proposal, until the contract has been fulfilled. **Any deviation from the required one hundred percent (100%) figure will be noted in the Specifications.**
21. GENERAL: Contractors shall furnish all labor, equipment, materials, services and supplies necessary to complete the proposed work. All work shall be performed according to all standards of good workmanship complete in every detail. Contractors shall coordinate their work with the work of others and, upon completion, remove tools, equipment, waste and debris and leave the site in "broom-clean" condition. Contractors shall warrant all equipment, materials, services and supplies with the normal and usual warranties, including, where applicable, warranties of merchantability and fitness for a particular purpose.
22. WAIVERABILITY: The City of Mentor reserves the right to accept any part of any proposal and reject all or parts of any and all proposals, and waive any informalities in the bidding procedure.
23. PREVAILING WAGE: Contractors must comply with ORC Chapter 4115 when applicable. It is the Contractor's responsibility to contact the City's Prevailing Wage Coordinator to determine requirements.
24. TAXES: Contractor shall pay and/or withhold all sales, consumer, use, employment and other taxes (including the City of Mentor 2% income tax) paid or withheld by Contract-

tor in accordance with the Laws and Regulations of the United States, State of Ohio and City of Mentor which are applicable during the performance of the work.

QUESTIONS: Call the Finance Department at (440) 974-5776.

III. BUSINESS ENTITY RESOLUTION

_____, of _____
(Name of Officer) (Name of Business Entity)

an _____ Business Entity hereby certifies that the following is a true
(State where incorporated/organized if applicable)

and correct copy of a resolution duly adopted by the Board of Directors of _____,
(Business Entity Name)

on _____, _____, to wit:
(Month, Day) (Year)

“Resolved, that _____* of this Business Entity, namely
(Name of Officer)

_____, be and he/she hereby is authorized and directed to enter into any and all
(Title of Officer)

contracts, bid guaranty and performance bonds with **THE CITY OF MENTOR, OHIO**, for the purpose of

furnishing labor and/or materials as to _____
(Title of Bid)

at such price and upon such terms and conditions, including any amendments or modifications thereto, as

said _____ in his/her sole discretion shall deem best,
(Title of Officer)

and that said actions shall be binding upon the Business Entity.

“Resolved, further, that said _____* be, and he/she further is
(Name of Officer)

hereby authorized and directed to execute and deliver unto said **CITY OF MENTOR, OHIO** other
instruments which in his/her discretion he/she shall deem necessary to carry out the forgoing resolution.”

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Business
Entity (if applicable) at _____ this _____ day of _____,
and I further certify that said resolution is still in force and effect.

SECRETARY

SEAL

BER-1

*Name must agree with signature on page Bidders Acceptance to Contract

IV. BID SUBJECT TO ACCEPTANCE AS CONTRACT

Page intentionally left blank, contact Veronica Fetsko at fetsko@cityofmentor.com or 440-974-5776 for the omitted form.

B. NOTICE OF AWARD

Whereas, _____ responded to an invitation to bid as to the purchase, installation, and maintenance for Amphitheater Performance Audio Systems and whereas said bid by _____ was approved by the City Council as the lowest and best bid, now, therefore, the City of Mentor awards the contract subject to final acceptance below to _____ to be performed pursuant to the terms and conditions specified in the following documents (component parts):

1. Instructions to Bidders
2. Bond or Certified Check
3. Specifications: General Requirements/Contractor's Responsibilities
4. Proposal/Contract Form
5. Other

Veronica Fetsko, **Purchasing**

Date

C. VENDOR AGREEMENT

_____ hereby agrees to perform the services as bid and agrees to abide by all terms and conditions as identified. In the event of contradiction or ambiguity between the paragraphs contained in the *Instructions to Bidders* versus the other more specific paragraphs under *Specifications: General Requirements/ Contractor's Responsibilities, Proposal/Contract Form, Other*, the paragraphs in the *Specifications: General Requirements/Contractor's Responsibilities, Proposal/Contract Form and Other*, shall control. And whereas, the City of Mentor intends to be bound by the contract, it will pay to _____ the sums so stated in the *Proposal/Contract Form* upon satisfactory delivery of the goods and/or performance of the service.

_____ has reviewed the above component parts of the contract documents and finds no ambiguity in the terms and conditions thereof.

Company Officer

Date

D. ACCEPTANCE BY THE CITY OF MENTOR

THE FOREGOING CONTRACT IS HEREBY ACCEPTED AS TO ALL OF THE COMPONENT PARTS AND, IN SPECIFIC, TO ITEM(S) #

Item(s) #

Pursuant to Ordinance _____ Passed on _____.

By the Council of the City of Mentor, for the period through _____.

FUNDS AVAILABLE:

David W. Malinowski, *Finance Director*

Date

Kenneth J. Filipiak, *City Manager*

Date

APPROVED AS TO FORM:

Joseph P. Szeman, *Law Director*

Date

E. ESCROW WAIVER

In accordance with a certain Contract between the City of Mentor, (hereinafter referred to as "the Owner") and _____, (hereinafter referred to as "the Contractor"), it is mutually agreed by and between the parties hereto that because of the short term duration of the within contract, no escrow account will be established pursuant to Sections 153.13, 153.14 and 153.63 of the Ohio Revised Code nor shall any interest be paid on any retainage.

CITY OF MENTOR

Kenneth J. Filipiak, City Manager

COMPANY

SAMPLE

F. DELINQUENT PERSONAL PROPERTY STATEMENT

_____ having been awarded a contract by the City of Mentor, hereby affirms under oath, pursuant to Ohio Revised Code Section 5719.042, that at the time the bid was submitted, my company **was / was not** charged with delinquent personal property taxes on the General Tax List of Personal Property for Lake County, Ohio.

If such charge for delinquent personal property tax exists on the General Tax List of Personal Property for Lake County, Ohio, the amount of such due and unpaid delinquent taxes, including due and unpaid penalties and interest, shall be set forth below.

This statement shall be incorporated into the Contract made between the City of Mentor and _____ and no payment shall be made with respect to any Contract unless such statement has been so incorporated as a part hereof.

Delinquent Personal Property Tax \$ _____

Penalties \$ _____

Interest \$ _____

Signed: _____

Subscribed in my presence, and sworn to before me, this _____ day of _____, 2022.

Signed: _____
(Notary Public)

**G. AFFIDAVIT
OF COMPLIANCE WITH OHIO REVISED CODE SECTION 3517.13**

STATE OF OHIO

COUNTY OF LAKE

_____ being duly sworn deposes and states
as follows:

1. I am duly authorized to make the statements contained herein on behalf of _____ (“the Contracting Party”).
2. The Contracting Party is a/an (select one):
 - Individual, partnership, or other unincorporated business association (including without limitation, a professional association organized under Ohio Revised Code Chapter 1787), estate, or trust;
 - Corporation organized and existing under the laws of the State of _____;
 - Labor organization.
3. I hereby affirm that the Contracting Party and each of the individuals specified in R.C. 3517.13(I) (with respect to non-corporate entities and labor organizations) or R.C. 3517.13(J) (with respect to corporations) are in full compliance with the political contribution limitations set forth in R.C. 3517.13(I) and (J), as applicable.
4. I understand that a false representation on this certification will incur penalties pursuant to 3517.992 (R)(3).

Affiant further sayeth naught.

By: _____

Title: _____

SWORN TO BEFORE ME and subscribed in my presence this _____ day of _____, 2022.

Notary Public

My commission expires: _____

H. FORM OF NONCOLLUSION AFFIDAVIT

STATE OF _____)
) SS
COUNTY OF _____)

_____, being first duly sworn, deposes
(Individual Name)

and says that he/she is _____ of _____
(Sole Owner, Partner, President, Secretary, etc.) (Corporation Name)

the party making the proposal or bid; that such bid is genuine and not collusive or sham; that said Bidder has not colluded, conspired, connived, or agreed, directly or indirectly with any Bidder or person, to put in a sham bid, or that such other person shall refrain from bidding, and has not in any manner, directly or indirectly sought by agreement or collusion or communication or conference, with any person, to fix the bid price of affiant or any other Bidder, or to fix any overhead, profit, or cost element of said Bid price, or of that of any other Bidder, or to secure any advantage against the Owner, or any person interested in the proposed Contract; and that all statements contained in said proposal or bid are true; and further, that such Bidder has not, directly or indirectly submitted this Bid, or the contents thereof, or divulged information or data relative thereto to any association or to any member or agent thereof.

Affiant

Subscribed and sworn to before me this _____ day of _____, 2022.

Notary Public

My Commission Expires: _____

V. PERFORMANCE AUDIO SYSTEM

PART ONE – GENERAL REQUIREMENTS

1.1 SCOPE OF SPECIFICATION

A. This specification covers the procurement, installation, and maintenance of new performance audio systems for the City of Mentor Amphitheater located at 8600 Munson Road Mentor, Ohio. The intent is to provide fully professional audio systems, completely installed and acceptance tested for use. Certain existing equipment items do exist and will be utilized in supplement to the new audio systems.

1. Taxes: No charges will be allowed for federal, state or municipal sales and excise taxes since the City of Mentor is exempt.
2. O.S.H.A.: Bidder shall comply with the provisions of the Occupational Safety and Health Act (OSHA) and Standards and Regulations issued thereunder and certify that all items conform to and comply with said standards and regulations.
3. Proposal (Bid) Bond: Section 3G of the Instructions to Bidders is hereby amended. A proposal (bid) bond, a certified check or money order in the amount of 10% of the amount bid must accompany each proposal.
4. Contract (Performance) Bond: Section 20 of the Instructions to Bidders is hereby amended. The successful bidder will be required to furnish a performance bond, certified check or money order in the amount of 100% of the contract award amount.
5. Warranty: The supplier shall warrant to the apparatus covered under these specifications to be free from defects in manufacture and workmanship under ordinary use and service. The supplier shall submit and furnish a written warranty for all materials and labor for a period of, at least, one year. All warranties and guarantees, including maintenance manuals must be submitted before retainage will be released.
6. Delivery: Price bid must include all charges, including handling and delivery.
7. Insurance: SECTION II: INSTRUCTIONS TO BIDDERS, Item 9: INSURANCE.

Verification of limits for public liability, property damage and automobile insurance consistent with the provisions of this Contract must be submitted to the Owner prior to beginning work.

- a. Contractor's insurance policy shall name the Owner as "*additionally insured*".
- b. The Contractor shall purchase and provide an "Owner's and Contractor's Protective Policy for the following limits:
 - Each Occurrence: \$1,000,000
 - General Aggregate: \$2,000,000

The Contractor shall purchase and maintain during the Contract Time "All Risk Builders' Risk Insurance", and/or "Installation Floater Insurance," and/or "Boiler and Machinery Insurance," and any and all insurance requirements as applicable for the type of work to be performed upon the Project to the full insurable value thereof for the benefit of the Owner, the State, the Contractor, Subcontractors and Suppliers as their interest may appear. This insurance shall cover the work until final acceptance and final payment by the Owner.

V. PERFORMANCE AUDIO SYSTEM

8. Prevailing Wages: Prevailing Wage Applies.
9. All bidders are encouraged to visit the job site to become familiar with the scope of work. Questions regarding this bid, please contact Kenn Kaminski, Parks, Recreation & Public Facilities Director at (440) 974-5720.
10. The Contractor's performance shall be in compliance with all applicable statutes, ordinances, resolutions, codes and regulations. Contractor agrees to acquire any and all licenses, permits and certificates required by the City, County and State relative to the execution of this contract. The installation of the new pool heater systems must comply with all applicable state building code requirements and all applicable local, state and federal agency regulations.

This specification section defines the products, methods and scope of services required to provide a first class, professionally installed, performance tested audio system.

The systems specified herein shall be purchased by the City of Mentor from a qualified audio systems contractor. Qualification requirements are defined throughout Part 1 of this document.

The audio contractor's proposal shall be provided on a lump sum basis with unit price details.

These specifications detail minimum requirements acceptable to the City of Mentor. Should the manufacturer's current specifications exceed these, they shall be considered minimum and shall be furnished, and equipment/components included in the bid shall be stipulated.

Any and all parts not specifically mentioned in the specifications but which are required for proper and safe operation of the equipment shall be furnished by the bidder and shall conform in strength, quality of material and workmanship to that provided by the industry in general. All items not specifically mentioned but which are standard factory items shall be furnished.

1.2 SYSTEM DESCRIPTIONS

The following provides a description of the features and equipment to be included within the Audio systems for this project.

A. New House Speaker System

Provide a complete, left-right, portable line array speaker system including dual 10" weatherized line-array modules, dual 19" subwoofers, support frames, beam extensions, subwoofer dolly's, 100-degree x 50-degree fill loudspeakers, cable assemblies as required to connect the amplifiers to the loudspeaker devices as well as all miscellaneous cables, connectors and hardware as defined herein, within Part 2 of this Section, and as required to fulfill the design intent.

The audio systems contractor shall be responsible for coordination with the city engineer regarding dead-hung, rigging points associated with the left and right line array systems.

The subwoofer devices will be set in place by the audio systems contractor with 100 x 50 fill loudspeakers stacked on the top of the subwoofers.

The audio systems contractor shall provide qty (8), new twisted pair #12 loudspeaker cables from the existing audio equipment rack to the base of the house left loudspeaker structure. The #12 cables shall be terminated to a new speaker connection plate configured as follows:

- Subwoofers Qty (2) NL4 connectors
- Stage/Front Fill Qty (2) NL4 connectors

The audio systems contractor shall provide qty (8), new twisted pair #12 loudspeaker cables from the existing audio equipment rack to the top of the house left loudspeaker structure. The #12

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cables shall be terminated to a new speaker connection plate configured as follows:

- Line Array Qty (4) NL4 connectors

The audio systems contractor shall provide qty (8), new twisted pair #12 loudspeaker cables from the existing audio equipment rack to the base of the house right loudspeaker structure. The #12 cables shall be terminated to a new speaker connection plate configured as follows:

- Subwoofers Qty (2) NL4 connectors
- Stage/Front Fill Qty (2) NL4 connectors

The audio systems contractor shall provide qty (8), new twisted pair #12 loudspeaker cables from the existing audio equipment rack to the top of the house right loudspeaker structure. The #12 cables shall be terminated to a new speaker connection plate configured as follows:

- Line Array Qty (4) NL4 connectors

Backboxes for the loudspeaker connection plates shall be provided by others.

Conduit and/or pathway between the existing equipment rack and the loudspeaker connection plates shall be provided by others.

Within 15 days of notice to proceed, the audio systems contractor shall conduct an on- site survey of existing conduits, raceways and related conditions and shall provide a written report outlining any additional conduit, backboxes or other pathway required to accommodate the new loudspeaker cabling.

B. Power Amplifiers and Related Items

Provide power amplifiers, network switches, network cable assemblies, as well as all miscellaneous cables, connectors and hardware as defined herein, within Part 2 of this Section, and as required to fulfill the design intent.

The new power amplifiers and related items shall be installed into existing audio system equipment racks.

Within 15 days of notice to proceed, the audio systems contractor shall conduct an on- site survey of existing electrical power provided to the existing audio equipment rack and shall provide a written report outlining any additional power required at the existing equipment rack in order to properly serve the amplifiers specified herein.

C. Signal Processing

Provide two 4 x 4 matrix processors, related cables, and input/output connector panel as well as all miscellaneous, cables, connectors and hardware as described herein, as well as Part 2 of this section.

The matrix processors shall be mounted into the existing Front-of-House equipment rack.

D. Mixing Console

Provide a digital mixing console and associated rack mounted i/o system including all miscellaneous cables, connectors and hardware as defined herein, within Part 2 of this Section, and as required to fulfill the design intent.

Provide a custom fabricated mixer case/rack with large castors for rough terrain as defined

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within Part 2 of this Section, and as required to fulfill the design intent.

E. Stage Monitors

Furnish qty (2) self-amplified stage monitor loudspeakers including covers, signal, and power cables. These monitors shall be provided as supplement to existing stage monitor inventory.

F. Microphones and Related Accessories

Furnish microphones, cables, microphone case, storage trunk and speaker cart as defined within Part 2 of this section.

G. Electro-Acoustical Services

Provide testing, activation, level balancing and demonstration services to the owner no later than 14 days prior to the first scheduled use of the performance audio system covered by this section. At a minimum, testing, activation, level balancing services and demonstration to the owner shall include the following:

- RT60 Measurement (identify reflections from adjacent buildings, surfaces ...)
Sound Pressure Level Measurements using a calibrated SPL Meter.
- 1/3 Octave Analyzer
- Smart Rig and qualified operator
- Full-range measurement and sound level test of the Loudspeaker arrays. Level and performance verification of each line array module.
- Level balancing between each line array module.
- Measure sound system level at a minimum of 12, owner selected seating positions.

Adjust sound system levels such that each of the 12 positions are operating within w 3 dB window at each position.

Using 1/3 octave real time analysis, confirm that the equalization curve measured at each of the 12 seating positions does not include significant variances between the 12 seating locations. Provide printed report of these measurements for the owner's review and approval.

Demonstrate speaker system performance to the owner using the following presentations:

- Playback of a minimum of five nationally released recordings presented in a lossless audio file format (FLAC, WAV or AIFF). Music formats to include Rock/Pop/Funk, Acoustic, Jazz, Female Vocal & Classical.
- Live Vocal Microphone

1.3 SUBSTITUTIONS

It is intended that the Contractor shall provide materials and labor as necessary for the completion of the Audio Systems project and said contractor shall furnish all materials and labor in compliance with this specification.

Where conflict exists with other specifications concerning such materials and labor, this specification takes precedence unless otherwise addressed in writing, by the owner's representative. It shall be understood and agreed by the contractor that the systems herein described, shall be complete in every detail necessary to supply complete, working systems implemented in a professional, workmanlike manner commensurate with professional broadcast quality.

The specification text as well as any drawings provided with the bidding documents are detailed only to the

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extent necessary to define the design intent and anticipated performance requirements.

Equipment not mentioned herein nor shown on drawings, but necessary to meet the defined performance requirements shall be provided without claim for additional payment.

Drawings pertaining to this specification if included, shall be considered part of this specification and shall be part of the contract documents.

The Contractor shall provide complete and operable systems including all labor and materials required for all assemblies and sub-assemblies either specified or implied within this document.

1. All functions and features specified herein are to be provided by the contractor. Where specific manufacturer's names and model numbers are specified, such identification is to identify the expected performance parameters and to functionally define the specific product requirement.
2. Where a contractor intends to provide goods other than those specifically identified, such "equivalent" items must be clearly identified in the Post Award Initial Submittal. "Equivalent" items included in the Post Award Initial Submittal must include written certification from the manufacturer of the "equivalent" item stating the equivalency of each and every substituted item relative to the specified items in regard to features, function, performance, and future expansion capability.
3. Contractors wishing to provide "equivalent" products for specified devices may be required to demonstrate the equivalency of the proposed substitute items to the owner at the contractor's expense. Such proof of equivalency, in addition to the manufacturer's letter as noted above, may include the following:
 - a. An on-site, side-by-side demonstration of both the specified and proposed substitute items.
 - b. A formal bipartisan, laboratory test report comparing the technical performance of each and every proposed substitute, versus specified item.

Such test reports for Audio system components, shall include a spreadsheet comparison of all critical distortion, power, frequency response, noise, and dynamic range measurements.

All comparison tests for Audio system components shall be performed following the established AES and/or Avixa defined, testing procedures.

The responsibility of proving the equivalency of substitute products with respect to the specified products shall lie solely with the contractor.

All costs associated with providing information or performing the above outlined tests and comparisons required to confirm the equivalency of substitute products shall be at the sole expense of the contractor. Such costs may include but are not limited to:

- Independent laboratory tests
- Cost of equipment items for demonstration of specified and proposed substitute items
- Contractor incurred travel costs and miscellaneous expenses
- Professional Services Fees (architects, engineers, and consultants) charged to the owner as a result of time charged to participating in the review of proposed substitute items.

1.4 REFERENCES

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All work included in this specification is to be performed within the guidelines of the following standards:

- A. NEC (National Electric Code).
- B. ASTM (American Society of Tests and Measurements).
- C. IEEE (Institute of Electrical and Electronic Engineers).
- D. AES (Audio Engineering Society).
- E. NAB (National Association of Broadcasters)
- F. InfoComm (International Communications Industry Association)
- G. ADA (Americans with Disabilities Act)
- H. ANSI (American National Standards Institute)

1.5 DEFINITION OF TERMS

- A. The term "Contractor" or "Audio System Contractor", or "ASC," refers to the Audio System contractor who has been awarded the contract for providing the goods and services specified and defined within this specification section.
- B. The term "or equivalent" when mentioned in regard to a specified product or device shall mean that the contractor may provide a functional and technical equivalent product in place of the listed item or device. Determination of equivalent models or products shall be at discretion of the owner following the guidelines defined in paragraph 1.4 above.
- C. The term "Work By Others" shall mean: Any work required by the project but not required of the contractor or subcontractor responsible for this section. Assignment of and Execution of, "Work by Others" as defined within this section shall be the responsibility of the owner, the owner's general contractor or the project electrical contractor.
- D. The term "Furnish" shall mean: Supply the referenced device, item or system including all applicable warranties to the owner.
- E. The term "Install" shall mean: Deliver the referenced item to the project, physically install the item including all terminations, mounting or other labor necessary to successfully integrate the referenced device, item or system into the project including all applicable warranties.
- F. The term "Provide" shall mean: Furnish and Install the referenced device, item, or system.
- G. The term Audio System shall mean the complete systems as defined within this section including audio equipment, digital conversion equipment and related items that are described herein, mentioned herein, or as necessary to fulfill the design intent.
- H. The term CTS shall mean Certified Technology Specialist. The CTS certification program is ANSI certified, industry recognized certification program developed and administered by InfoComm International that confirms an individual's general knowledge of audio products, systems, and generally accepted practices of the audio industry.
- I. The term CTS-I shall mean Certified Technology Specialist with Installation Specialty. The CTS-I certification program is ANSI certified, industry recognized certification program developed and administered by InfoComm International that confirms an individual's specific knowledge and experience with respect to the installation and implementation processes, technical requirements and best practices associated with the installation and implementation of audio systems typical of those described within this section.
- J. The term CTS-D shall mean Certified Technology Specialist with Design Specialty. The CTS-D certification program is ANSI certified, industry recognized certification program developed and administered by InfoComm International an individual's specific knowledge and experience with respect to the engineering,

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design, installation and implementation processes, technical requirements and best practices associated with the implementation of audio systems typical of those described within this section including the professional services and related integrities required to assure that a system of the type defined within this section is properly coordinated with all members of the project team and respective trade groups serving the project.

1.6 SUBMITTALS

A. With Proposal

1. Unit Price and audio System Cost Information

The contractor proposal shall include a complete Unit Price schedule identifying all system components, labor, miscellaneous materials, project management services, engineering services, programming services, warranty, field labor, in-house labor including unit price and extended price for each, a subtotal of equipment and material costs, a subtotal for all labor and services as well as a lump sum price for the overall scope of work for each specified audio System Type.

Provide a cost summary displaying the overall system cost for each audio system type multiplied by the total number of required systems.

B. Shop Drawings

Within 30 days of award, provide the following information for review:

1. Bill of Material

Complete bill of material including all material, component devices and equipment required for complete and operable systems. The bill of material shall contain the following information for each item listed:

- a. Quantity
- b. Description
- c. Manufacturer's name and model number

2. Product Data Sheets

Provide a complete set of product data sheets for all equipment, devices, hardware, and related items that shall be provided. The Data Sheets shall be presented in 3 ring binder formats, tab and organized such that the data sheets are readily referenced to the above noted Bill of Material Sheet.

3. AUDIO Plate and Panel Drawings

Provide scaled drawings identifying all AUDIO connection plates, panels and related devices. Plate and Panel drawings shall include:

- Plate Dimension
- Detailed view of each required connector
- Lettering Requirements
- Plate/Panel Material and Finish Plate Color
- Lettering Color Connector Colors

Any other information required for successful manufacture/ fabrication of the plate and panel devices for the project.

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4. Single Line Diagrams

Provide single line drawings for each of the following disciplines:

- Audio
- Network and Data Connections
- Electrical

Single line diagrams shall indicate each and every audio equipment item, signal flow, input connection information, output connection information, bus connection information, port information, audio impedance/level information, signal type, cable numbering and related circuit information for all audio equipment devices as well as the following information:

- Location reference for each device shown in single line.

- Cable system details including all input plates, panels, and connectors.

- Indicate device, panel and plate locations coordinated with the riser and block diagrams.

- Organized cable numbering system for all system cables. Include cable schedules following the cable designations indicated on the schematic and functional diagrams. Cable schedules shall be provided for field wiring, inner-rack and inter-rack terminals.

AV Control and Network diagrams shall indicate all interconnections between the audio system, building network devices, telephone equipment devices and any other connections associated with equipment being provided by others.

5. Equipment Rack Details

Provide properly scaled front and rear rack elevation details for all equipment rack assemblies. Equipment rack layouts shall include all front and rear mounted devices, including device name and number coordinated with the single line diagrams. Show all blank, vent, tie line and custom fabricated panels.

- Show overall dimensions of each rack assembly including height, depth, width, and weight.

- Show scaled labeling details for each rack mounted equipment item. Identify each equipment rack by make and model.

- Provide EIA rack spacing reference adjacent to all rack elevation details such that rack locations and heights for all rack mounted devices can be easily identified by way of their vertical position in the rack.

- Provide scaled, properly dimensioned details relevant to cable entry, ladder trays, cable management, back-boxes and appurtenances associated with the physical installation of each audio equipment rack.

- Provide electrical connection information.

- Show all vertically mounted electrical distribution devices within each rack assembly.

6. Suspended Device Drawings

Provide mechanical drawings depicting weights, scaled dimensions and related information required for fabrication, assembly and installation for all products covered by this section that shall be suspended from walls, ceilings, or other overhead installation conditions.

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C. As-Built Documentation

Upon completion of the systems installation and prior to formal acceptance of the Audio Systems by the Owner, the Contractor shall submit "As-Built" versions of the shop drawing set as well as other documentation covered within this section.

D. Contract Close-out

At the time of formal acceptance of the systems by the owner, the contractor shall provide the following:

1. One set of the owner/operator manuals for each Audio Systems component as supplied by the component manufacturers. Said manuals shall be provided, in electronic format.
2. One set of system functional diagrams shall be provided for each system, laminated, and mounted adjacent to each equipment rack assembly. These laminated drawings shall be either xerographic or plotted original drawings. Diazo, blue-line or black-line copies shall not be acceptable for these specific documents.
3. Two USB Thumb Drives with the following files provided in an organized file folder format:

- Shop Drawings in dwg. format
- Shop Drawings in pdf format
- DSP files
- All software files provided by the equipment manufacturers
- Equipment Owner/User/Maintenance Manuals in pdf format

1.7 QUALITY ASSURANCE

- A. All qualification requirements of this paragraph must be met by the bidding contractor. If the bidding contractor shall require the services of a qualified subcontractor in order to fulfill the specified qualification requirements, the qualified sub-contractor must be clearly identified in the bid response. All submittal requirements must be provided on the qualified vendor/subcontractor's letterhead.
- B. The contractor shall provide qualified, industry certified staff members for all technical work associated with the work of this section.

At least one ANSI/InfoComm International Certified Technical Specialist with Design Specialty (CTS-D), certified staff member must be provided by the contractor. The CTS-D staff member must at a minimum, maintain the following qualifications and experience:

- Minimum five years performance audio design and/or project management experience.
 - Minimum ten years of production audio experience as either a front-of house or stage monitor, sound system engineer. The certified (CTS-D) staff member must be engaged in the project throughout all phases of design, integration, and testing. The designated CTS-D staff member shall be responsible for the following:
1. Review and approval including signature of all shop drawings, submittals and documentation prepared by the contractor.
 2. Review and approval of any scope of work associated with any change order, work modification or field work order. All change orders must be reviewed and approved by the project CTS-D prior to final submission of such change orders to the owner, general contractor, or architect.
 3. Review, approve and/or preparation of all Request for Information or similar documents submitted

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by the contractor.

4. Resolution of any technical, trade, scope of work or similar disputes that may arise throughout the course of the project.
5. Attendance at meetings with the owner, architect, general contractor, or electrical contractor
6. Site inspection and approval of all work including shop fabricated items, field installed devices and the overall system installation prior to demonstration to the owner.
7. All demonstration to, and training of, the owner.
8. Review and approval of all as-built submissions including owner manuals.

The following items may be performed by either a CTS-D or CTS-I InfoComm/ANSI Certified or equivalently qualified staff member:

9. Field verification of all work by others including but not limited to:
 - a. System Grounding
 - b. Electrical Systems
 - c. Rigging
 - d. Millwork
 - e. Mechanical Systems
 - f. Cabling Systems
10. Supervision of Field Terminations
11. Fabrication, terminations, and preliminary testing of prefabricated equipment rack assemblies.

All other contractor staff members performing technician level work specified within this section but not identified in items 1 through 11 above, must be minimally certified as an InfoComm/ANSI Certified Technical Specialist (CTS).

Qualified contractors who do not participate in InfoComm/ANSI Certification and training, yet otherwise maintain personnel qualified to fulfill the intent of these specifications must provide the following information for review and approval by the project architect:

Personal resume of, including project references for six projects of similar size and scope and itemized list of technical capabilities of the staff member who shall be responsible for the successful integration of the specified systems and all items defined above under items 1 through 8.

Said individual must maintain a minimum of five-years, experience in Audio Systems integration, a bachelor's degree in electrical engineering from a fully accredited college or university and must be prepared to readily demonstrate capabilities equivalent to those of an InfoComm International CTS-D certified individual.

Personal resume of, including project references for six projects of similar size and scope and itemized list of technical capabilities of the staff member who shall be responsible for the successful integration of the specified systems and all items defined above under items 9 through 11. Said individual must maintain a minimum of four years' experience in sound, systems integration, an Associate's Degree in electrical-electronic engineering technology from a fully accredited college or university and must be prepared to readily demonstrate capabilities equivalent to those of an InfoComm/ANSI certified CTS-I individual.

Failure to comply with the Quality Assurance requirements defined above shall constitute breach of contract by the audio contractor. Shall the audio contractor be found to be in breach of this paragraph,

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the owner reserves the right to hire an Independent Technical Service Provider of their choosing to provide the services described in item 1 through 11 above.

Shall the owner choose to hire an Independent Technical Service Provider as a result of the audio contractor's failure to fulfill the requirements of items 1 through 11 above, all costs associated with hiring the Independent Technical Service Provider shall be deducted from the audio contractor's lump sum price for the project.

- C. The contractor shall be required to attend a minimum of two pre-installation conferences with the owner's representative. The intent of these conferences shall be to review the contractor's submittals and to review the proposed methods of implementation and to coordinate the Audio System installation with the work of other trades.

The contractor shall be responsible for providing coordination documentation that shall insure that the owner's staff or designated contractors can properly provide electrical power to the Audio Equipment Rack as well as sufficient physical space for the Equipment Racks.

The Audio Systems contractor shall be responsible for reviewing all audio work that shall be provided by others. The review of work by others must be provided in a timely and well- coordinated manner. Any discrepancies found by the audio contractor must be clearly and concisely identified in writing and provided to the owner within five days of the date of review.

- D. The audio contractor shall inspect and verify all work performed by the project electrical contractor as necessary to ensure that all work including, device installation, power receptacles, back-boxes, conduits, etc., are performed in compliance with these specifications.
- E. Audio System final set-up shall be accomplished by a qualified Audio system technician or engineer who has been trained in the procedures and methods necessary for successful Audio system installation. The contractor must provide a qualified Audio system technician during the test and adjustment phase of the project. Lighting Systems must be set-up and tested by a production lighting technician maintaining a minimum of five years lighting production and installation experience.
- F. All materials shall be new and shall conform to applicable provisions of Underwriters Laboratories and the American Standards Association.
- G. Safety Certifications as required to meet local code and as required for obtaining the owner's Certificate of Occupancy, are the responsibility of the contractor.
- H. Prior to the owner and/or the owners consultant review of the installed audio systems, the audio contractor's CTS-D certified staff member shall perform an initial review of the system's completeness and readiness for demonstration to the owner and/or the owners audio System consultant. The audio Contractor's review shall be performed using the "Standard Guide for Audiovisual Systems Performance Verification Checklist" as published by InfoComm International. All relevant elements of that checklist shall be verified, noted, and submitted by the audio contractor for the owner's review, prior to demonstration of the system condition or training of owner personnel.

1.8 DELIVERY, HANDLING AND STORAGE

- A. Packing and Shipping
 - 1. All items delivered to the jobsite shall be properly packaged and sealed.
 - 2. All items to be delivered to the jobsite via contractor vehicles, shall be properly and adequately protected. Equipment racks are not to be delivered to the jobsite, unprotected and unpacked.

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B. Acceptance at Jobsite

1. All deliveries of specified components are to be received on the job site by the contractor.

C. Storage and Protection

1. The contractor shall be required to maintain adequate fire and theft protection for all specified items of equipment through the duration of the project.

Upon written notice by the contractor to the owner, the owner may provide a secured area for equipment storage for a limited period of time during the installation.

The schedule of time where such secured areas shall be required, must be identified by the contractor, and submitted to the owner at least three weeks prior to the required delivery of equipment.

Although the owner may provide the aforementioned secured areas, responsibility of equipment protection and liability for fire and theft damage shall remain with the contractor.

1.9 SCOPE OFWORK

All labor, equipment, apparatus, and wiring devices, as required to provide the systems with broadcast quality in excellent working order, as specified herein, and as specified by relevant drawings, including:

- A. Submission of drawings for approval by the owner's representative prior to fabrication and installation.
- B. Audio system cabling.
- C. Installation of equipment covered by this section into existing equipment rack/s.
- D. Verification of dimensions and conditions at the job site.
- E. Coordination of electrical and physical requirements.
- F. Installation of all specified materials in accordance with these specifications, manufacturer's recommendations, and all applicable code requirements.
- G. Initial tests and adjustments of the systems as well as final equalization and alignment of the systems.
- H. Training as defined in part 3 of this section.
- I. Maintenance services and warranty repair services for one year following acceptance of the systems.
- J. Provision of As Built and Contract Closeout Documentation.
- K. Provide all labor on-site as required to install the specified components and systems. On-site labor shall be performed in harmony with all other trades and trade jurisdictions working on the project site.
- L. Provide all technical support and programming as necessary to ensure that the specified Digital Signal Processing System has been properly programmed to provide the features and functions as specified herein. The DSP programming must be provided by a qualified individual with significant and demonstrable experience with the specified or equivalent, DSP system.
- M. Provide all programming, development, software, and design work as required to provide a complete and fully functional control system and user control interface as described throughout this section and shown on

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drawings. Control system interface design and implementation shall be coordinated with the owner and its architect and audio consultant as described within this section.

- N. Deliver all portable items of equipment that are subject to a "furnish" only condition to the project site. Hand over such items to the owner's representative with complete, proof of delivery documentation, warranty information and related ownership documentation.
- O. Procure and pay for all necessary permits, licenses and inspections and observe any requirements stipulated therein.
- P. Conform with all, local, state, and federal regulations, codes, and compliance requirements that may apply.
- Q. Perform all work in compliance with local trade agreements.
- Q. Comply with federal, state, and local labor regulations and applicable union regulations.
- U. Provide miscellaneous audio cable assemblies as necessary to connect the specified devices to plates, panels, and related devices.
- V. Proof of Performance Demonstration

Following substantial completion of the audio system installation and following the contractor's effort to confirm that all systems have been installed and tested for compliance with the specified requirements, the audio contractor shall provide a complete system demonstration where all features, functions and system capabilities are demonstrated to the owner, the construction manager, and their audio consultant.

The audio contractor's proof of performance demonstration shall be presented by the staff member who fulfills the requirements defined in paragraph 1.8.B.1 through 1.8.B.8 above. See also paragraph 1.8.H above.

- W. Provide Life Safety Mute if required by Local Codes.

1.10 WORK BY OTHERS

Conduit, raceways, junction boxes and related appurtenances.

Electrical power.

1.11 PERFORMANCE REQUIREMENTS

Prior to formal acceptance by the owner, the specified systems shall be tested in accordance with the procedures and requirements as outlined in section 3 of this document. The results of all systems tests, and measurements shall be documented by the Audio systems Contractor as specified and defined in Part 3 of this Section.

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PART TWO - PRODUCT SPECIFICATIONS

2.1 GENERAL

A. Manufactured Products

1. All equipment provided by contractor shall be "brand new".
2. Demonstration models or previously used equipment shall not be acceptable.
3. Equipment that was specified as current but rendered obsolete by a manufacturer shall be identified by contractor in contractor's bid response.
4. Owner reserves the right to accept a substitute item as the closest replacement item at the expense of the contractor if not notified in advance of the obsolescence of the specified item.
5. Technical specifications for each item may or may not be identified within this document. Contractor shall be advised that in lieu of exact technical or functional specifications provided for each item, the technical and functional specifications of each item shall be implied by the specific make and model number identified herein.
6. The products listed within this section including manufacturer names and model numbers provide a definition of features, capabilities and quality required for each specified item. The contractor may submit alternative, equivalent product models for approval as defined in paragraph 1.4 of this section.

B. Custom Fabricated Items

All custom fabricated items are subject to the owner and engineer's approval of the contractor's shop drawings, samples, or prototype submissions for the custom fabricated items. Custom fabricated items are to provide a professionally fabricated, "made to order" appearance.

2.2 MATERIALS

The material requirements for the Audio shall be as described within the PART 2 MATERIAL LIST & BID FORM (2 pages) provided as part of, and follows this Section.

3.1 INSTALLATION

A. General:

1. All materials and equipment are to be new and unused.
2. Wiring practices unless herein specified to the contrary shall be in strict conformance with the contents of the "AV Installation Handbook the Best Practices for Quality Audiovisual Systems" Second Edition as published by InfoComm.
3. Fastenings and supports for all fixed equipment and components including conduit and cables, to provide a safety factor of 5 or better.
4. Installation with all precautions necessary to prevent against electromagnetic and electrostatic hum.
5. All precautions necessary to assure adequate ventilation.
6. Precautions to assure the safety of users shall be implemented as required by applicable codes.
7. Microphone and 600-ohm lines fully insulated from each other and from their conduit.
8. Lines in conduit free of any splices.
9. Wiring joints and connections made with rosin-core solder or approved mechanical

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- connections.
10. Cables free from wiring damage.
 11. All equipment installed neatly, with boxes and racks plumb, level and true to line and level.
 12. Switches, connectors, jacks, receptacles, conduits, outlets, and cable terminations clearly, logically, and permanently marked.
 13. Moderate moves or changes as necessary to accommodate aesthetics to preserve symmetry, and for pleasing appearance without claim for additional payment.
 14. Cooperation with other trades to achieve well-coordinated and satisfactory order.
 15. Job shall be adequately staffed at all times.
 16. Same individual in charge of work throughout execution, unless illness, loss of personnel, or other circumstances beyond the control of the contractor intervenes.
 17. Job site and all equipment and materials left clean and free of marks and blemishes.
 18. All work shall be provided in a manner such that the work is provided in compliance with the general requirements stated within or implied by the "Standard Guide for Audiovisual Systems Performance Verification Checklist" as published by InfoComm International.

B. Conduit and Raceway Separation

1. Separate conduits or raceways for microphone-level circuits (less than 20 Dbm), line-level circuits (-20 to +30 Dbm), loudspeaker circuit (+30 Dbm or greater), switching and power circuits.
2. Using the following guidelines, provide minimum conduit separation between conduits carrying wiring of the different groups as follows:

	MIC	LIN	SPK	AC POWER
MIC	ADJACENT	6 INCHES	12 INCHES	12 INCHES
LIN	6 INCHES	ADJACENT	12 INCHES	6 INCHES
SPK	12 INCHES	12 INCHES	ADJACENT	ADJACENT
AC Power	24 INCHES	12 INCHES	12 INCHES	ADJACENT

	MIC	LIN	SPK	CONTROL
DIMMER CONTROLLED LIGHTING	24 INCHES	12 INCHES	12 INCHES	6 INCHES
220/440 VOLT	24 INCHES	6 INCHES	12 INCHES	ADJACENT
ALL OTHER (NON SCR)	6 INCHES	6 INCHES	ADJACENT	ADJACENT

90-degree crossings in close proximity are acceptable.

Should the contractors work in this regard be limited by site conditions or physical limitations beyond his control, the contractor shall notify the architect of such conditions and/or limitations prior to proceeding with the conduit/raceway installation.

As it may not be possible to fulfill these requirements at the entry/exit of enclosures, boxes and related devices, the intent of these guidelines is for the contractor to provide the stated separation

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wherever physically possible and specifically where the path of adjacent conduit shall be parallel for distances greater than 10 feet.

3. The major groups shall never be intermixed.

C. Signal Grounding Procedures

To minimize problems resulting from improper grounding, and to achieve maximum signal to noise ratios, the following grounding procedures shall be adhered to:

1. System Grounds

A single Audio system ground point shall be provided at the Audio system breaker panel. All Audio system grounds shall connect directly to this ground point. Ground connections at the Audio system breaker panel shall be provided and distributed by way of captive screw, copper ground lug terminals.

The Audio system breaker panel ground shall be connected directly to the main building service ground connection. The Audio system breaker panel ground connection shall be provided using an insulated copper ground wire providing a maximum of 0.1 ohms total resistance. All ground wires shall be sized as necessary to properly serve the Audio system load and as required to meet all applicable codes.

All Audio system power receptacles including those mounted within equipment rack assemblies shall be provided as isolated ground receptacles. All receptacles shall include a ground conductor tied to the Audio system breaker panel ground connection.

Each audio equipment rack shall include a properly sized copper ground bar. Each ground bar shall be connected to the Audio system breaker panel ground point. The ground bar shall be electrically common to the equipment rack chassis. Connection between the ground bar and the rack chassis shall be readily removable for testing purposes by way of a standard screw lug terminal.

Each ground bar shall provide standard lug connections allowing direct connection between individual component chassis grounds and the ground bar assembly. These equipment chassis connection points shall be used only to trouble shoot and/or resolve hum and noise problems that cannot otherwise be eliminated.

The sound contractor shall be responsible for coordinating, inspecting, and confirming that the specified grounding methods have been properly implemented by the project electrical contractor and by the sound contractor's own fabrication methods.

2. Audio Shields

All line level sound cable shields shall be grounded at one point only. Un-terminated shields shall be insulated using proper size heat-shrink and completely protected against shorting to any other conductors.

3.2 IDENTIFICATION

- A. Provide permanent intelligible identification on, or adjacent to all controls, fuses, circuit breakers, patching jacks, conduit receptacles, and the like. This identification shall clearly and distinctly indicate the function of the item and shall be numbered or lettered to correspond with the function, circuit and use consistent with the field and shop drawings.

1. Identification of fuses and circuit breakers shall indicate protected circuitry, rating of

V. PERFORMANCE AUDIO SYSTEM

protective device and voltage across open circuited protected device.

2. Panel surfaces shall be engraved and filled, silk screened or shall be equipped with 1/16-inch laminated plastic labels with engraved characters at least 1/4" inch height (white characters on black background). Under no conditions shall embossed plastic labels, transfer lettering (Chartpak, LetraSet, etc.) or other makeshift labeling be considered acceptable. Engraving and other identification requirement specifically shown on the specification drawings prevail over this paragraph.
3. Each principal element of the system shall be completely integrated with consistently identified terminal strips or blocks for all connections. These designations shall be shown on related drawings and documentation.
4. All rack mounted devices shall include an engraved laminate tag (black tag with white letters) that identifies the rack mounted device using the abbreviated nomenclature shown for that device within the project shop drawings.

3.3 AUDIO SYSTEM INITIAL TESTS AND ADJUSTMENTS

Provide all necessary equipment and perform initial tests. Adjust or modify as necessary to provide system performance conforming to specifications.

A. Impedance and Phase

1. Check each microphone line for proper phase using a phase checker or voltmeter.
2. Measure and record the impedance of all loudspeaker lines.
 - a. Measure the absolute value of each loudspeaker line entering the equipment rack. Document loudspeaker impedance at the amplifier termination point at 250 Hz, 1000 & 4000 Hz.
 - b. For low impedance speaker systems (16 ohms or less) all impedance readings shall be within 10% of the calculated value based on driver quantity and wiring configuration.

B. Hum and Noise Level:

1. Hum and noise of system shall be inaudible under normal operating conditions. The measured signal to noise from any microphone input to power amplifier output shall be greater than 70 dB signal to noise, and greater than 80 dB signal to noise from any line input to power amplifier output.

HUM AND NOISE LEVEL NOTE: All system level balancing must be completed before this test is conducted.

- a. Terminate microphone inputs with shielded 150-ohm resistor.
- b. With all equalizers switched out, and a microphone input signal of 1 KHz sinewave at -50 dBm, adjust system gain controls for optimum signal-to-noise at full power amp output. Set gain controls for optimum signal-to-noise at full power amplifier output. Full power amplifier output shall be determined by maximum power capacity of the loudspeakers connected the amplifier under test.
- c. At the output of each power amplifier, with all system equalizers switched out and under the above stated conditions measure and record the unweighted 40 Hz to 10 KHz band-width

V. PERFORMANCE AUDIO SYSTEM

electrical hum and noise level for each of the microphone inputs.

Each recorded noise measurement shall be referred to the associated power amplifiers and maximum-in-system-voltage output and be expressed and recorded in decibels of signal to noise. Signal to noise ratio shall be 70 dB or greater. Repeat the above stated procedure with all system equalizers switched in. Signal to noise ratio shall be 60 dB or greater.

C. Parasitic Oscillation and RF Pick-up

1. Set-up system for normal operation.
2. Use 10 MHz or greater oscilloscope and amplified loudspeaker monitor.
3. Ensure that system at all useable gain settings that the system is free of spurious oscillation with no input signal and with full output at 250 Hz on both sound monitor and oscilloscope presentation.

D. Acoustical Measurements

Acoustic measurements of sound system performance shall be made using sound system real time optimization software or hardware-based equipment including, but not limited to dual channel analysis capable of comparing the output of the system to its input, in both the frequency and time domain, a calibrated ANSI sound level meter, and a calibrated measurement grade microphone on the order of an MK10, M30, or TEF05. All interior finishes and furnishings shall be in place prior to these measurements being taken.

Documentation of acoustical testing shall include frequency response of the room under normal quiet conditions with and without HVAC running (the room "fingerprint"), and frequency response to full bandwidth pink noise for each equalization zone comparing equalizers switched in and out.

1. Polarity:
 - a. Place the test microphone on axis with each loudspeaker component and check for absolute polarity using a shaped waveform or by generating an Energy Phase Curve or Nyquist Curve for each device.
 - b. Make changes, as necessary.
2. Frequency Response:
 - a. With respect to a response which is flat from 60 Hz to 4 KHz then slopes off at 3 dB/octave from 4 KHz to 12.5 KHz, system response within + or -4 dB with no peaks outside this range.
 - b. Using a Real Time Analyzer, a minimum of six (6) locations within each subsystem shall be checked for compliance to the frequency response specifications stated above.
3. Coverage
 - a. Measurement of the loudspeaker distribution coverage using a one octave band of pink noise centered at 2 KHz, measurements taken using a calibrated sound level meter set for "slow" damping.

E. Buzzes, Rattles and Distortion

The Audio system shall be free of mechanical buzzes, rattling, distortion caused by loose

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attachments, faulty wiring, overdriven components, etc.

General:

Upon approval of the above test report, and at a time set by the owner's representative, the contractor shall demonstrate operation of each major component of the system, each microphone and line input. After demonstration, contractor shall assist as required in the following acceptance tests which shall be conducted by the owner's representative:

F. Listening Tests:

May include speech intelligibility surveys and subjective listening tests by observers listening at various positions under operating conditions.

G. Equipment Tests:

1. May include measurements of frequency response, distortion, or other performance characteristics.
2. May be performed on any item or group of items to verify conformity with specifications.

H. Additional Adjustments and Tests:

If need for additional adjustment becomes evident during demonstration and testing, contractor's work shall be continued until the system installation operates properly.

3.4 TRAINING

Provide prepared and organized training sessions for the benefit of the owner's personnel. These training sessions shall be of the following minimum duration:

- A. Audio Systems Training 4 Hours
- B. Audio Systems Initial Event Support

Provide a technician who is familiar with the audio system installation for a minimum of two six-hour events. Provide technical assistance to the owner's staff or hired operators such that the initial events are properly served by the provided systems.

3.5 GUARANTEE

- A. Labor and materials provided under this specification shall be warranted, commencing on the date of final acceptance of the installation by the owner, for a period of one year, to be free of defects and deficiencies, and to conform to the component specifications and this document as to kind, quality, function, and characteristics. Defects in labor, or materials, occurring within the warranty period shall be rectified by replacement or repair without charge. Paint and exterior finishes, fuses, lamps, and tubes, are excluded from this warranty, unless damage or failure is the result of defective materials or workmanship covered by warranty, or work performed under warranty in the repairing of defects.
- B. Warranty service shall be provided to the owner for the warranted items within 48 hours of notice to the contractor.
- C. Manufacturer's warranties which shall exceed the one-year Contractor warranty shall be activated in the owner's name prior to system acceptance. Warranty cards and registration information shall be executed in

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the owner's name and forwarded to the respective manufacturers prior to final system acceptance.

3.6 MAINTENANCE AND SERVICE

A. Provide one maintenance site visit at six months following the system acceptance.

During the maintenance site visit, activate all system components and verify proper operation of controls and devices. Clean and adjust all recording and playback transports as recommended by the respective manufacturers. Repair or replace all defective materials within the scope of the above stated warranty.

B. All service calls answered by contractor within 48 hours.

C. Within 10 months of system acceptance provide a proposal for an annual maintenance and service agreement.

3.7 Performance Verification Checklist

The required scope of work associated with this paragraph shall be limited on this project to Audio and Control systems.

The contractor shall provide all services necessary to complete the audio industry standard checklist questionnaire as defined on the following pages.

This checklist and report have been prepared using the InfoComm International Standard Guide for Audio Visual Systems Performance Verification Checklist as a basis for providing an organized report on the condition of the above noted audio system as of the dates noted above.

The InfoComm Standard Guide is intended to provide owners, consultants, and integrators with a comprehensive and singular source of tests to determine if the audiovisual system achieves the client's goals or objectives and that the system performs in accordance with the best practices of the industry. By providing this list to the audiovisual industry, InfoComm is establishing a set of commissioning guidelines to help industry professionals and their clients communicate effectively about their expectations for system performance.

Standard Guide for Audio Visual Systems Performance Verification Checklist

Project Title:	
Description:	
Project Location:	
Project Architect:	
System Designer:	
Date of Report:	
Date of Site Visit/Tests:	
AV Contractor:	
Client:	

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Contents of the Standard Audiovisual Systems Verification tests Checklist

I AV-PH	Physical Installation
II AV-CM	Cable Management, Termination and Labeling
III AV-E	Electrical
IV AV-S	Serviceability
V AV-A	Audio Performance
VI AV-V	Video Performance (DOES NOT APPLY TO THIS PROJECT)
VII AV-N/AV-C	Control, Software and Networking (DOES NOT APPLY TO THIS PROJECT)
VIII AV-AC	Acoustical Environment
IX AV-DR	Verification and Documentation

Project Specific Notes and Reporting

Although not all segments or line items covered by the InfoComm Standard Guide may not be applicable to this specific project, all elements of the standard guide have been included in this report. In cases where a particular test or reporting element of the standard guide is not applicable to this specific project, such items shall be noted as Not Applicable (N/A) or otherwise explained.

I AV-PH: Physical Installation

- AV-PH-01 Site Inventory of AV Equipment
Is all equipment in shop or on site?

- AV-PH-02 Installation Status of AV Equipment
Is all rackable equipment installed?

- AV-PH-03 AV Rack Cleanliness
Racks are "clean" - grease markings removed, etc.

- AV-PH-04 AV Rack Blanks and Vents Installation
All blanks and vents installed in unused rack spaces.

- AV-PH-05 AV Patch Bay Labeling
All patchbays labeled

- AV-PH-06 AV Patch Bay Configuration
Patchbays configured with all outputs on top rows, inputs on bottom rows

- AV-PH-07 AV Rack Thermal Gradient Performance
Thermal gradient inspected; all equipment operating within manufacturers' guidelines

- AV-PH-08 AV Rack Protective Treatments
Small racks have carpet tiles on bottom to avoid scratching credenzas.

- AV-PH-09 AV Equipment Labeling
All engraved labels permanently fastened.

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AV-PH-10 AV System Cabling Verification

All peripheral equipment hooked up as per flow diagram: microphones, loudspeakers, video monitors, projectors, PC's, USB switchers, etc.

II AV-CM: Cable Management, Termination and Labeling

AV-CM-01 AV Equipment Power Cable Management

Equipment without IEC removable power cords are not tie-wrapped to the cabinet, and there are no obstructions to the item being pulled from the front of the rack.

AV-CM-02 Verification of AV Rack Cable Installation

Tie wraps are not too tight as to deform the cable. UTP cables are laced and bound with Velcro ties.

AV-CM-03 Verification of AV Rack Cable Installation

Terminations are free from stress due to gravity acting on the cabling or cable dressing technique.

AV-CM-04 Verification of AV Rack Cable Installation

Terminations have sufficient service loop, allowing a re-termination or two without having to open a cable bundle or pathway to lay in a new cable.

AV-CM-05 Verification of AV Rack Cable Installation

Cables appropriately dressed and bundled according to cable type.

AV-CM-06 Verification of AV Rack Cable Installation

Verify cable supports are used depending on size and stiffness of cable.

AV-CM-07 Verification of AV Rack Cable Installation

Cables have appropriate separation according to signal type and level.

AV-CM-08 Verification of AV Rack Cable Installation

Verify all cables are installed with an adequate bend radius as recommended by the manufacturer and general system requirements.

AV-CM-09 AV System Cable Labeling

All cables have clearly legible, unambiguous identifying labels, and labels are oriented and positioned consistently. Labels are visible without system disassembly and are not hidden in cable bundles.

AV-CM-10 AV System Cable Labeling

All cable labels are permanent, non-slipping and according to specification.

AV-CM-11 AV Connector Verification

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All terminations are in agreement with the equipment and system requirements.

AV-CM-12 AV Connector Verification

All connectors are correctly seated to its mating connector.

AV-CM-13 AV Connector Plate Labeling

All connectors on input and output plates are labeled.

AV-CM-14 AV Connector Plate Labeling

Confirm all labeling nomenclature for consistency between drawings, touch screen labels, wall plates and other labeling of connectors, connection points and devices.

III AV-E: Electrical

AV-E-01 AV System Power and Grounding

Verification Stray AC voltages on any equipment accessible to a user relative to ground?

AV-E-02 AV System Power and Grounding

Verification Neutral and isolated ground current test.

AV-E-03 AV System Power and Grounding Verification Verify

equipment is powered by correct circuits.

IV AV-S: Serviceability

AV-S-01 AV System Serviceability
Input/output panels are easily accessible.

AV-S-02 AV System Serviceability

If there are obstructions prohibiting the disconnection of terminations on the back of AV equipment, there must be sufficient cabling to permit the equipment to be pulled from the front and disconnected there.

AV-S-03 AV System Serviceability

It is easy to find proper cable termination points when removed or replaced equipment is re-installed.

AV-S-04 AV System Serviceability

Equipment can be pulled for repair or replacement without hindrance.

AV-S-05 AV System Serviceability

Equipment must be able to be serviced indefinitely; designed with the maintenance technician in mind (he or she shall "own it" longer than the person who fabricated the system initially).

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V AV-A: Audio Performance

All audio performance tests are made from all electronic system inputs (first physical output of source media, all I/O plates, mic inputs) to all electronic system outputs (all outputs connected to amplifier inputs, all connections to external facilities (to other rooms, buildings, or external services such as broadcast connections).

- AV-A-01 Audio System Total Harmonic Distortion
- Measure total harmonic distortion of the audio system. Distortion level shall not exceed best practices.
- AV-A-02 Audio System Signal-to-Noise Ratio
- Measure system signal to noise ratio. Noise level shall not exceed best practices.
- AV-A-03 Speech Reinforcement System Electronic Frequency Response Measure
- frequency response of the audio system for speech sound reinforcement. System frequency response shall be determined for the system during design process.
- AV-A-04 Audio Playback System Electronic Frequency Response
- Measure frequency response of the audio system for program sound amplification. System frequency response shall be determined for the system during design process.
- AV-A-05 Audio System Latency
- Measure latency of the audio system. Latency shall not exceed design requirements of the system.
- AV-A-06 Audio Coverage in Listener Areas
- Measure audio coverage uniformity in the listener area, see InfoComm Performance Standard for test procedure and acceptable performance criteria.
- AV-A -07 Audio Level versus Background Noise Level
- Measure background noise level during normal room operation. Measure audio system level during normal room operation. Audio level shall exceed background noise level to provide for clear, intelligible amplified sound.
- AV-A-08 Speech Reinforcement System Headroom
- Measure audio system headroom. Audio system shall be capable of performing above nominal operating levels without distortion.
- AV-A-09 Program Loudspeaker Polarity
- Program loudspeakers in the same system shall produce consistent polarity for a mono input signal in all channels.
- AV-A-10 Speech Reinforcement Speaker Polarity

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Speech reinforcement systems shall be polarized such that a positive acoustic pressure on a microphone result in a positive acoustic pressure at all loudspeakers.

- AV-A-11 Alignment of Multiple Audio Sources
Calibrate audio system inputs so there is zero or minimal difference between any input signal level.
- AV-A-12 Audio Buzz and Rattles

There shall be no audible vibration caused by improper mechanical installation. Perform buzzes and rattles test, using continuous sweep signal (from generator or test CD) pass/ fail result or which device at what frequencies.
- AV-A-13 Audio System Gain Before Feedback

The speech reinforcement system shall be stable and operate without feedback.
- AV-A-14 Conferencing System Microphone Sensitivity & Gain Structure Alignment For conference systems, adjust microphone input gain to demonstrate that "Standard talker," positioned at each talker position in the room, produces a 0 dBu level at the output of the output bus of the audio conference DSP device. Verify signal levels for both transmit and receive using normal speech.
- AV-A-15 Audio System Equalization for Speech Intelligibility

Equalizers shall be adjusted for best intelligibility, and in accordance with the preferred acoustic level response curves. For systems with equalizers, document the "house curve" before equalization, as well as after the equalizers have been tuned, with and without microphone input filters. If requested by the Consultant, produce this documentation for systems without equalizers, as this test may apply to the preamp filter settings in cases where intelligibility can be improved.
- AV-A-16 Audio System Speech Intelligibility at Listener Positions

Audio system shall provide intelligible sound above background noise levels. System design shall anticipate background noise levels in the listener space.
- AV-A-17 Audio System Amplifier Loading

No power amplifier shall have its rated load exceeded. Record the impedance (and at what frequency) of each loudspeaker line of each power amplifier. 63, 250, and 1,000 Hz are recommended if available.
- AV-A-18 Conferencing Echo Suppression Performance

For a system with conference capability, system shall perform at nominal operating levels in a full duplex mode without echo or latency.
- AV-A 19 DSP Signal Path Verification

All DSP programming installed and properly passing intended signal pathways and mixes.

VI. PROPOSAL FORM PERFORMANCE AUDIO SYSTEMS

A. New House Speaker System

MAKE	QTY	MODEL	DESCRIPTION	UNIT PRICE	EXT PRICE
Adamson	24	973-0010	IS10 Dual 10" Line Array Module-Weatherized		
Adamson	6	994-0010	E219 Dual 19" Subwoofer		
Adamson	3	938-0017	E219 Subwoofer Dolly		
Adamson	2	930-0028	IS10 Support Frame		
Adamson	2	930-0021	Extended Beam		
Adamson	4	967-0012	S7p 100X50 Speaker		
ASC Custom	2	NL4 x 4	Line Array Speaker Connector Panel		
ASC Custom	2	NL4 x 4	Stage Deck Speaker Connector Panel		
ASC	1	Lot	#12 Gauge Speaker Cable (Rack to Connector Plates at loudspeaker structures)		
ASC	1	Lot	Rigging Hardware as required		
ASC	1	Miscellaneous	Cables, Connectors & Hardware as required		

B. Power Amplifiers, Network Switches & Related Items

MAKE	QTY	MODEL	DESCRIPTION	UNIT PRICE	EXT PRICE
Existing		Audio Equipment	Rack Assembly		
Lab.Gruppen	5	D120:4L	4 Ch 12000 Watt Power Amplifier		
Lab.Gruppen	2	D200:4L	4 Ch 20000 Watt Power Amplifier		
Araknis	2	AN-310-SW-R-	16+2 L2 Managed Switch		
Araknis	2	AN-310-SW-R-8	8+2 L2 Managed Switch		
Araknis	4	AN-ACC-SFP-	Multimode Fiber SFP with LC Connectors		
ASC/Custom	2	OpticalCon	15' Tactical Fiber Cable with Neutrik Opticalcon Connectors		
ASC	1	Lot	Power Distribution as required		
ASC	1	Lot	Blank, vent panels & related accessories		
ASC	1	Miscellaneous	Cables, Connectors & Hardware as required		

C. Signal Processing

MAKE	QTY	MODEL	DESCRIPTION	UNIT PRICE	EXT PRICE
Lake Processing	2	LM-44	4X4 Matrix Processor		
ASC/Custom	1	C-I/O	Custom Input/Output Panel providing audio and network connectivity equivalent to the input / output connectivity provided on both Lake LM-44 device.		
ASC	1	Miscellaneous	Cables, Connectors & Hardware as required		

VI. PROPOSAL FORM (CONTINUED) PERFORMANCE AUDIO SYSTEMS

D. Mixing Console

MAKE	QTY	MODEL	DESCRIPTION	UNIT PRICE	EXT PRICE
Digico	1	Q225-D	Digital Mixing Console and Stage Rack Dante Only		
Digico	1	Stage Rack-	On-stage digital/analog - analog/digital Interface		
Cabbage Cases	1	C-LW-MR	Custom Mixer Rack w/Large Rough-Terrain Castors		
ASC	1	Miscellaneous	Cables, Connectors & Hardware as required		

E. Stage Monitors

MAKE	QTY	MODEL	DESCRIPTION	UNIT PRICE	EXT PRICE
Electro-Voice	2	ETX-15P	15" 2 way Powered Monitor Wedge		
Electro-Voice	2	ETX-15P-CVR	Cover for Monitor Speaker		
ASC/Custom	2	25ft	Cable		

F. Microphones & Related Accessories

MAKE	QTY	MODEL	DESCRIPTION	UNIT PRICE	EXT PRICE
Shure	8	SM58-LC	Dynamic Vocal Microphone		
Shure	2	SM58S	Switched Talk Bak Mic		
Shure	10	A58WS-BLK	Foam Windscreens		
Shure	3	SM57-LC	Dynamic Instrument Mic		
Sennheiser	1	3-PACK e 604	Three Pack of e604 Drum Mics		
Audio-Technica	2	4041SP	Stereo Pair Pencil Condenser Mics		
Whirlwind	20	MK410-NP	10' Microphone Cable		
Audio-Technica	2	AT897	Shotgun Microphone		
Cabbage Cases	1	C-1/4 X 1/2-W	Storage Trunk w/Wheels		
Cabbage Cases	1	C-1/4 X 1/2-W-	Custom Microphone Case		
Cabbage Cases	4	C-MS-2-Cart	Custom 2 Monitor Speaker Cart		

G. Materials Subtotal:

H. Services & Related Non-Equipment Costs

AV Contractor engineering, programming, project management, quality assurance as specified, installation, labor, commissioning, shipping, delivery, warranty and other non-equipment costs as required to fulfill the specified requirements:

Total Cost:

I. Performance & Payment Bond Cost:

VII. STATEMENT OF BIDDER QUALIFICATIONS

- 1) Years in business providing the goods or service requested in this bid _____
 - 2) Please list on a separate sheet(s), contracts with municipalities previously held, and now held. Please list by community name, contact person, address, phone number and scope of project (starting with the most recent).
 - 3) Is your company in satisfactory financial condition? Yes _____ No _____
 - 4) How many miles is your facility from the Mentor Municipal Center? _____
 - 5) Please list on a separate sheet(s) the equipment to be used in fulfilling this contract.
 - 6) Identify the project manager who will be assigned to this project and applicable years of experience managing comparable jobs.
-

For the following questions, on a separate sheet, please describe in full the circumstances for any Yes answer.

- 7) Has your company had any business interruptions as a result of financial conditions in the past two (2) years? Yes _____ No _____
- 8) Has your company been rejected for a public contract despite being a low bidder for any reason? Yes _____ No _____
- 9) Has your company had any claims against or a performance bond cancelled? Yes _____ No _____
- 10) Has your company paid penalties or liquidated damages imposed as a result of delay on a public project? Yes _____ No _____
- 11) Has your company been found to have committed an unfair labor practice or any other employment/labor law violation in such areas as discrimination, prevailing wage, Workers' Compensation or OSHA? Yes _____ No _____
- 12) Has your company in the last three (3) years had a municipal contract cancelled or terminated? Yes _____ No _____

VII. STATEMENT OF BIDDER QUALIFICATIONS (continued)

BIDDER NAME (print/type): _____

BIDDER ADDRESS: _____

BIDDER CONTACT: _____

BIDDER PHONE NUMBER: _____

BIDDER FAX NUMBER: _____

BIDDER E-MAIL: _____

Federal Tax Identification Number _____

State Tax Identification Number _____

VIII. PREVAILING WAGES

The Contractor agrees that each individual employed by the Contractor or any subcontractor and engaged in work on the project under this Contract shall be paid the prevailing wage established by the Ohio Department of Commerce Division of Industrial Compliance (<https://wagehour.com.ohio.gov/w3/webwh.nsf/wrlogin/?openform>). This shall occur regardless of any contractual relationship which may be said to exist between the Contractor or any Subcontractor and such individual.

The Prevailing Wage Determination Schedule for this project is attached. If the Contractor needs a wage determination for any trade not included herein, he shall contact the Owner's Prevailing Wage Coordinator.

PREVAILING WAGE THRESHOLD LEVELS

IMPORTANT NOTICE

Before advertising for bids, contracting, or undertaking construction with its own forces, to construct a public improvement, the Public Authority shall have the Ohio Department of Commerce-Division of Industrial Compliance, Bureau of Wage and Hour Administration determine the prevailing rates of wages for workers employed on the public improvement. The wage determination must be included in the project specifications and printed on the bidding blanks where work is done by contract.

“New” construction threshold for <i>Building Construction</i>:	\$250,000
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“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” threshold level for <i>Building Construction</i>:	\$75,000
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As of January 1, 2022:

“New” construction that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:	\$96,091
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“Reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting” that involves <i>roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction</i> threshold level has been adjusted to:	\$28,789
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- A) Thresholds are to be adjusted biennially by the Director of the Ohio Department of Commerce.
- B) Biennial adjustments to threshold levels are made according to the Building Cost for Skilled Labor Index published by McGraw-Hill’s Engineering News-Record, but may not increase or decrease more than 3% for any year.

If there are questions concerning this notification, please contact:

Ohio Department of Commerce
Division of Industrial Compliance
Bureau of Wage and Hour Administration
6606 Tussing Road, PO Box 4009
Reynoldsburg, Ohio 43068-9009
Phone: 614-644-2239
Fax: 614-728-8639
www.com.ohio.gov



PREVAILING WAGE CONTRACTOR RESPONSIBILITIES

This is a summary of prevailing wage contractors' responsibilities. For more detailed information please refer to Chapter 4115 of the Ohio Revised Code

General Information

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$250,000 for new construction or \$75,000 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting.

Ohio's prevailing wage laws apply to all public improvements financed in whole or in part by public funds when the total overall project cost is fairly estimated to be more than \$91,150 for new construction that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction or \$27,309 for reconstruction, enlargement, alteration, repair, remodeling, renovation, or painting of a public improvement that involves roads, streets, alleys, sewers, ditches and other works connected to road or bridge construction.

- a) Thresholds are to be adjusted biennially by the Administrator of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration
- b) Biennial adjustments to threshold levels are made according to the Price Deflator for Construction Index, United States Department of Commerce, Bureau of the Census*, but may not increase or decrease more than 3% for any year

Penalties for violation

Violators are to be assessed the wages owed, plus a penalty of 100% of the wages owed.

Intentional Violations

If an intentional violation is determined to have occurred, the contractor is prohibited from contracting directly or indirectly with any public authority for the construction of a public improvement. Intentional violation means "a willful, knowing, or deliberate disregard for any provision" of the prevailing wage law and includes but is not limited to the following actions:

- Intentional failure to submit payroll reports as required, or knowingly submitting false or erroneous reports.
- Intentional misclassification of employees for the purpose of reducing wages.
- Intentional misclassification of employees as independent contractors or as apprentices.
- Intentional failure to pay the prevailing wage.
- Intentional failure to comply with the allowable ratio of apprentices to skilled workers as required by the regulations established by Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration.
- Intentionally employing an officer, of a contractor or subcontractor, that is known to be prohibited from contracting, directly or indirectly, with a public authority.



Responsibilities

- A. Pay the prevailing rate of wages as shown in the wage rate schedules issued by the Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration, for the classification of work being performed.
 - 1. Wage rate schedules include all modifications, corrections, escalations, or reductions to wage rates issued for the project.
 - 2. Overtime must be paid at time and one-half the employee's base hourly rate. Fringe benefits are paid at straight time rate for all hours including overtime.
 - 3. Prevailing wages must be paid in full without any deduction for food, lodging, transportation, use of tools, etc.; unless, the employee has voluntarily consented to these deductions in writing. The public authority and the Director of Ohio Department of Commerce, Division of Industrial Compliance and Labor, Bureau of Wage and Hour Administration - must approve these deductions as fair and reasonable. Consent and approval must be obtained before starting the project.

- B. Use of Apprentices and Helpers cannot exceed the ratios permitted in the wage rate schedules.
 - 1. Apprentices must be registered with the U.S. Department of Labor Bureau of Apprenticeship and Training.
 - 2. Contractors must provide the Prevailing Wage Coordinator a copy of the Apprenticeship Agreement for each apprentice on the project.

- C. Keep full and accurate payroll records available for inspection by any authorized representative of the Ohio Department of Commerce, Division of Industrial Compliance, and Labor, Bureau of Wage and Hour Administration or the contracting public authority, including the Prevailing Wage Coordinator. Records should include but are not limited to:
 - 1. Time cards, time sheets, daily work records, etc.
 - 2. Payroll ledger/journals and canceled checks/check register.
 - 3. Fringe benefit records must include program, address, account number, & canceled checks.
 - 4. Records made in connection with the public improvement must not be removed from the State for one year following the completion of the project.
 - 5. Out-of-State Corporations must submit to the Ohio Secretary of State the full name and address of their Statutory Agent in Ohio.

- D. Prevailing Wage Rate Schedule must be posted on the job site where it is accessible to all employees.

- E. Prior to submitting the initial payroll report, supply the Prevailing Wage Coordinator with your project dates to schedule reporting of your payrolls.

- F. Supply the Prevailing Wage Coordinator a list of all subcontractors including the name, address, and telephone number for each.
 - 1. **Contractors are responsible for their subcontractors' compliance with requirements of Chapter 4115 of the Ohio Revised Code.**



- G. Before employees start work on the project, supply them with written notification of their job classification, prevailing wage rate, fringe benefit amounts, and the name of the Prevailing Wage Coordinator for the project. A copy of the completed signed notification should be submitted to Prevailing Wage Coordinator.
- H. Supply all subcontractors with the Prevailing Wage Rates and changes.
- I. Submit certified payrolls within two (2) weeks after the initial pay period. Payrolls must include the following information:
 - 1. Employees' names, addresses, and social security numbers.
 - a. Corporate officers/owners/partners and any salaried personnel who do physical work on the project are considered employees. All rate and reporting requirements are applicable to these individuals.
 - 2. Employees' work classification.
 - a. Be specific about the laborers and/or operators (Group)
 - b. For all apprentices, show level/year and percent of journeyman's rate
 - 3. Hours worked on the project for each employee.
 - a. The number of hours worked in each day and the total number of hours worked each week.
 - 4. Hourly rate for each employee.
 - a. The minimum rate paid must be the wage rate for the appropriate classification. The Department's Wage Rate Schedule sets this rate.
 - b. All overtime worked is to be paid at time and one-half for all hours worked more than forty (40) per week.
 - 5. Where fringes are paid into a bona fide plan instead of cash, list each benefit and amount per hour paid to program for each employee.
 - a. When the amount contributed to the fringe benefit plan and the total number of hours worked by the employee on all projects for the year are documented, the hourly amount is calculated by dividing the total contribution of the employer by the total number of hours worked by the employee.
 - b. When the amount contributed to the fringe benefit is documented but not the total hours worked, the hourly amount is calculated by **dividing the total yearly contribution by 2080**.
 - 6. Gross amount earned on all projects during the pay period.
 - 7. Total deductions from employee's wages.
 - 8. Net amount paid.
- J. The reports shall be certified by the contractor, subcontractor, or duly appointed agent stating that the payroll is correct and complete; and that the wage rates shown are not less than those required by the O.R.C. 4115.
- K. Provide a Final Affidavit to the Prevailing Wage Coordinator upon the completion of the project.



Department of Commerce

Division of Industrial Compliance

John R. Kasich, Governor

Jacqueline T. Williams, Director

Instructions for Filing a Minimum Wage Complaint

There is no cost in having a valid complaint investigated by our office. Please be advised, we cannot provide legal advice or act as your attorney. Also, please note, this office is only able to pursue minimum wage for the hours that are found to be unpaid. You also have the option of pursuing your complaint privately or you may wish to contact an attorney. However, you cannot pursue your complaint through both processes at the same time.

After reviewing the guidelines below, if you believe that your situation falls within our investigatory limitations, you may file a complaint with our office.

The Bureau of Wage and Hour Administration investigates complaints involving the following:

- Minimum wage not being paid,
- Overtime not being paid,
- Unauthorized deductions, and
- Last paychecks being held.

We cannot collect wages owed for the any of the following reasons:

- Vacation pay,
- Sick leave,
- Holidays, or
- Other employment benefits promised to you.

In addition, we cannot investigate a complaint if you believe you were improperly terminated or if your employer did not properly withhold taxes, social security, etc.

In order to file a complaint, please follow these steps:

1. Fill in the form completely using black or blue ink. Please print legibly.
2. Provide copies, NOT originals, of the following; pay stubs, time sheets and any other records that will help prove your claim.
3. Use a separate sheet of paper to explain your situation, if needed.
4. Please have your signature notarized.
5. If you wish to remain anonymous, please indicate that by selecting the correct boxes on the form. Please note, you will remain anonymous until such time that wages are to be paid.
6. Submit the completed complaint form and your records to:

Division of Industrial Compliance
Bureau of Wage and Hour Administration,
6606 Tussing Road
Reynoldsburg, OH 43068

Please note, a complaint will be rejected if it does not contain complete and sufficient information. A complaint may also be rejected depending on your employment status (i.e. an exempt employee).

Bureau of Wage and Hour Administration
6606 Tussing Road
PO Box 4009
Reynoldsburg, OH 43068-9009 U.S.A.

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614 | 644 2239
Fax 614 | 728 8639
TTY/TDD 800 | 750 0750
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Department of Commerce

Division of Industrial Compliance

John R. Kasich, Governor
Jacqueline T. Williams, Director

MINIMUM WAGE COMPLAINT

Current Status With this Employer: Present employee of business? <input type="checkbox"/> Yes <input type="checkbox"/> No Former employee of business? <input type="checkbox"/> Yes <input type="checkbox"/> No Reason for filing complaint: <input type="checkbox"/> Minimum wage not paid <input type="checkbox"/> Overtime not paid <input type="checkbox"/> Unpaid wages <input type="checkbox"/> Last pay not received <input type="checkbox"/> Other (Explain in comments section below)	DO NOT WRITE IN THIS AREA			
	Case # _____			
	Approved <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Rejected <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Denied <input type="checkbox"/> Yes <input type="checkbox"/> No			
County _____			Investigator _____	
Comments: _____				

INCOMPLETE FORMS WILL BE RETURNED

EMPLOYER INFORMATION		Name _____			
Telephone _____		Address _____			
Email/Website _____		City _____	State _____	Zip _____	County _____
Type of Business _____		Number of Employees <input type="checkbox"/> 0-5 <input type="checkbox"/> 10 - 25 <input type="checkbox"/> 50 - 75 <input type="checkbox"/> 100 Plus			
Owner's name _____		Supervisor's name and title _____			
Is the business still operating? <input type="checkbox"/> Yes <input type="checkbox"/> No Business is _____ Over / _____ Under \$500,000. per year		Has the business filed bankruptcy? <input type="checkbox"/> Yes <input type="checkbox"/> No			
COMPLAINANT/EMPLOYEE INFORMATION Employees should include copies of pay stubs, time cards, or any other documents that will assist in our investigation		Name _____			
Telephone _____		Address _____			
Other telephone numbers where you can be reached: _____		City _____	State _____	Zip _____	County _____
Email _____		<input type="checkbox"/> Yes, I authorize the use of my name <input type="checkbox"/> No, I do not authorize the use of my name			
Are you over 18 years old? <input type="checkbox"/> Yes <input type="checkbox"/> No	How long did you work there? From ____ / ____ / ____ To ____ / ____ / ____	What position did you hold? _____			
WAGE PAYMENTS		Are any part of these wages for?			
<input type="checkbox"/> Hourly? Amount _____	<input type="checkbox"/> Weekly?	Bonus _____		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Salary? Amount _____	<input type="checkbox"/> Bi-weekly?	Commission _____		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Overtime? Amount _____	<input type="checkbox"/> Monthly?	Vacation/Holiday Pay/Sick Leave		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Were tips received? <input type="checkbox"/> Yes <input type="checkbox"/> No		Do you owe your employer for advances, loans, merchandise, etc.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, was at least \$30 in tips reported each week? <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, amount owed: \$ _____			
Were you employed:		Did employer keep time records?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
In outside sales? <input type="checkbox"/> Yes <input type="checkbox"/> No		Were you paid in cash?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
In a managerial/supervisory position? <input type="checkbox"/> Yes <input type="checkbox"/> No		Did employer keep wage records?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
By a governmental agency? <input type="checkbox"/> Yes <input type="checkbox"/> No		Do you have your own record of hours worked?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
In a professional position? <input type="checkbox"/> Yes <input type="checkbox"/> No					
In interstate commerce? <input type="checkbox"/> Yes <input type="checkbox"/> No					
HOW MUCH ARE YOU OWED? \$ _____					
TIME PERIOD From ____ / ____ / ____ To ____ / ____ / ____					


NUMBER OF HOURS WAGES CLAIMED FOR _____	Were deductions for taxes, etc. withheld? <input type="checkbox"/>Yes <input type="checkbox"/>No If yes, were amounts listed on pay stubs? <input type="checkbox"/>Yes <input type="checkbox"/>No
---	--

ADDITIONAL COMMENTS:

Please Attach Additional Sheets If Necessary

ATTACH ANY INFORMATION TO SUBSTANTIATE YOUR CLAIM. UNSUBSTANTIATED CLAIMS MAY BE RETURNED.

<p>SPECIAL NOTICE</p> <p>I _____, on this day _____</p> <p><input type="checkbox"/> Do</p> <p><input type="checkbox"/> Do Not</p> <p>Assign to the Ohio Department of Commerce all rights, title, and interest to my claim for wages against _____.</p> <p style="text-align:right">(Employer)</p> <p>In assigning these rights, I am aware that I must submit written notice of any change in my representational status.</p>	<p><input type="checkbox"/> Yes, I authorize the use of my name</p> <p><input type="checkbox"/> No, I do not authorize the use of my name</p> <hr/> <p>Signature _____ date _____</p>
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<p>SIGNATURE & NOTARY</p> <p>Affiant is further informed that Section 2921.13 of the Ohio Revised Code provides a penalty of a misdemeanor of the first degree and that prosecution will be pursued of those persons who “knowingly swear or affirm the truth of a false statement when... the statement is sworn or affirmed before a notary public...”</p> <p>Sworn to before me and subscribed by the said:</p> <hr/> <p>In my presence this _____ day of _____ 20____</p> <p>_____ Notary Public</p> <p>(Revised 9/30/11)</p>	<p>Complaints will be returned if not complete & signed</p> <p>I hereby certify that this is a true statement to the best of my knowledge and belief.</p> <hr/> <p>Signature _____ date _____</p> <p>Return to:</p> <p>Ohio Department of Commerce Division of Industrial Compliance Bureau of Wage & Hour Administration 6606 Tussing Road, P.O. Box 4009 Reynoldsburg, OH 43068 - 9009 614-644-2239 Fax 614-644-8639</p> <div style="text-align:right">  </div>
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*** INCOMPLETE FORMS WILL BE RETURNED ***



INSTRUCTIONS FOR PREPARING CERTIFIED PAYROLL REPORTS

General

Contractors and subcontractors are required by law to submit certified payroll reports for work on projects covered by Ohio's Prevailing Wage Law. This form meets the reporting requirements established by Ohio Revised Code Chapter 4115. The use of this form is not mandatory, employers may submit their own forms provided that all of the required information is included. This form may be reproduced, or additional copies obtained from:

Ohio Department of Commerce Division of Industrial Compliance and Labor Bureau of Wage & Hour Administration 6606 Tussing Rd. P. O. Box 4009 Reynoldsburg, OH 43068-9009 Phone: (614) 644-2239

Certified Payroll Heading

Employer name and address: Company's full name and address. Indicate if the company is a subcontractor, if so list the name of the General or Prime. Project: Name and location of the project, including county. Contracting Public Authority: Name and address of the contracting public authority. Week Ending: Month, day, and year for last day of reporting period. Payroll #: Indicates first, second, third, etc. payroll filed by the company for the project. Page Indicator: number of pages included in the report. Project Number: Determined by the public authority. If there is no number leave blank.

Information by Column

- 1. Employee Name, Address and Social Security number: This information must be provided for all employees that perform physical labor on the project. Corporate officers, partners, and salaried employees are considered employees and must be paid the prevailing rate. Individual sole proprietors do not have to pay themselves prevailing rate but must report their hours on the project.
- 2. Work Class: List classification of work actually performed by employee. If unsure of work classification, consult the Ohio department of Commerce, Wage and Hour Bureau. Employees working more than one classification should have separate line entries for each classification. Indicate what year/level for Apprentices. Be specific when using laborer and operator classifications: for example, Backhoe Operator or Asphalt Laborer.
- 3. Hours Worked, Day & Date: In the first row of column 3 enter days of pay period example; M T W T H F S S. The second row is for the date that corresponds with each day for the pay period. In the employee information section enter the number of hours worked on the prevailing wage project and which day the hours were worked. Separate rows are labeled for (ST) straight time hours and (OT) overtime hours. All hours worked after 40, must be paid at the appropriate overtime rate.
- 4. Project Total Hours : Total the hours entered for pay period.
- 5. Base Rate: Enter actual rate per hour paid to the employee. The overtime hourly rate is time and one-half the base rate listed in the prevailing wage schedule plus fringe benefits at straight time rate. The prevailing wage schedule lists the base rate plus fringe benefit amounts. These amounts added together equal the total prevailing wage rate. Employers must pay this total amount in one of three ways.
 - Total rate may be paid in entirety in the base rate to the employee; in which case, the cash designation will be checked for fringe benefits.
 - Total rate may be paid as listed in prevailing wage rate schedule with total fringe amounts paid approved plans.
 - Total rate may be paid with a combination of base rate and fringe payments to approved plans in amounts other than those listed in schedule.
- 6. Project Gross: Enter total gross wages earned on the project for straight time and overtime. Project hours X base rate should equal project gross.
- 7. Fringes: If fringe benefits are paid in the hourly base rate, indicate this by marking the cash space. If fringe benefits are paid to approved plans as listed in the prevailing wage rate schedule, mark the space Approved Plans. If fringe benefits are paid partially in the base rate and partially to approved plans, mark the space Cash & Approved plans. List the hourly amount paid to approved plans for each fringe. If payments are not made on a per hour basis, calculate the hourly fringe credit by dividing the yearly employer contribution by the lesser of: hours actually worked in the year (these must be documented) or 2080. Fringe benefits include: Employer's share of health insurance, life insurance, retirement plan, bonus/profit sharing, sick pay, holiday pay, personal leave, vacation, and education/training programs.
- 8. Total Hours All Jobs: Total all hours worked during the pay period including non-prevailing wage jobs.
- 9. Total Gross All Jobs: Gross amount earned in the pay period for all hours worked.
- 10. Self explanatory.
- 11. Self explanatory.
- 12. Self explanatory.

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CONTACT US

Division of Industrial Compliance & Labor
 6606 Tussing Road
 Reynoldsburg, OH 43068
 Phone: 614-644-2233
 Fax: 614-644-2818
 Email: IC@com.state.oh.us

Webmaster
 Contact the Webmaster for Questions
 or Comments on the Website:
webmaster@com.state.oh.us

CONNECT WITH US



LOOKUP SERVICES

Registered Contractor List
 Boiler Information Database
 Building Code Compliance Electronic Plan
 Submission
 Board Of Building Appeals Case Lookup
 Elevator Database Lookup

RESOURCES

Federal Wage and Hour
 U.S. Consumer Product Safety
 Commission
 National Electric, Fire Alarm and Sprinkler
 Codes
 Minor Labor Law Poster
 2017 Minimum Wage Poster
 2018 Minimum Wage Poster

ABOUT INDUSTRIAL
COMPLIANCE

Director Sheryl Maxfield
 Superintendent Geoff Eaton

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BEFORE FILING A PREVAILING WAGE COMPLAINT, PLEASE READ CAREFULLY!

You May File A Complaint With This Division If:

A. You were or are employed on the project.

B. You meet one of the following:

- Any person who submits a bid for the purpose of securing the award of a contract for construction of the public improvement.
- Any person acting as a subcontractor of a person mentioned in (B.1.) above.
- Any bona fide organization of labor which has as members or is authorized to represent employees of a person mentioned in (B.1. or B.2.) and which exists, in whole or in part, for the purpose of negotiating with employers concerning the wages, hours, or terms and conditions of employment of employees.
- Any association having as members any of the persons mentioned in (B.1. or B.2.) of this section.

Do Not Fill Out This Form If:

A. The project has been completed for two (2) years.

B. You acted as an "independent contractor" and not as an "employee" of the business, or you were self-employed.

C. You already have a judgement involving the same wage claim.

D. The contractor has filed for bankruptcy. (If so, you will need to contact the Bankruptcy Court for further instructions.)

Filing More Than One Complaint:

A. You must use a separate complaint form for filing against each contractor and/or project.

B. Each claimant intending to file against a contractor and/or project must use a separate complaint form.

Completing The Prevailing Wage Complaint Form:

A. Download or view the form, then print out a copy of the form (it is a legal size document, 8½" by 11").

B. Read all questions on the wage claim form carefully before answering. Please fill out your claim completely, legibly, and accurately. You must sign, date, and have it notarized.

C. Provide the contractor's name, name of business, correct address, county, and telephone number. You as the claimant are responsible for providing this information.

D. To help prove your claim, please provide copies of any documentation you have available. For example, pay stubs or a personal record of hours worked on the project. DO NOT SEND ORIGINALS.

E. Be certain that your name, address, social security number, and telephone number are correct. If you do not have a telephone number, please supply this Division with a telephone number where we can reach you. If your address or telephone number changes, it is your responsibility to notify us immediately or your claim could be closed.

The Prevailing Wage Complaint Form (PDF) can be downloaded [here](#).

CONTACT US

 Division of Industrial Compliance & Labor
 6606 Tussing Road
 Reynoldsburg, OH 43068

 Phone 614.644.2223
 Fax 614.644.2018
 Email IC@com.state.oh.us

 Webmaster:
 Contact the Webmaster for Questions
 or Comments on the Website
 webmaster@com.state.oh.us

CONNECT WITH US



LOOKUP SERVICES

 Registered Contractor List
 Boiler Information Database
 Building Code Compliance Electronic Plan
 Submission
 Board Of Building Appeals Case Lookup
 Elevator Database Lookup

RESOURCES

 Federal Wage and Hour
 U.S. Consumer Product Safety
 Commission
 National Electric, Fire Alarm and Sprinkler
 Codes
 Minor Labor Law Poster
 2017 Minimum Wage Poster
 2018 Minimum Wage Poster
ABOUT INDUSTRIAL
COMPLIANCE
 Director Sheryl Maxfield
 Superintendent Geoff Eaton

**CITY OF MENTOR
PREVAILING WAGE RELEASE FORM**

CONTRACTOR NAME:

ADDRESS:

PHONE/E-MAIL:

I, _____, the owner operator driver of this dump truck hired by
_____ of _____, Ohio for the use at _____
(general contractor on project) *(project)*

in Mentor, Ohio. I am acknowledging prevailing wage rates at _____, Mentor, Ohio.
(project)

I am claiming exemption do to the fact that I am the owner/operator and am an independent contractor.
This exemption will remain until completion or release form from _____.
(general contractor on project)

Owner/Operator Name *(print)*: _____

Signature: _____

Start Date: _____

Driver's License Number: _____

Social Security Number *(last 4 digits)*: _____

Attach State of Ohio – Bureau of Motor Vehicles Registration Cab Card

Witnesses:

The Prevailing Wage Coordinator:

Veronica Fetsko
City of Mentor
8500 Civic Center Boulevard
Mentor, Ohio 44060
440-974-5776
fetsko@cityofmentor.com

Prevailing Wage Determination Cover Letter

County: -Select- ▼
Determination Date: 04/27/2022
Expiration Date: 07/27/2022

THE FOLLOWING PAGES ARE PREVAILING RATES OF WAGES ON PUBLIC IMPROVEMENTS FAIRLY ESTIMATED TO BE MORE THAN THE AMOUNT IN O.R.C. SEC. 4115.03 (b) (1) or (2), AS APPLICABLE.

Section 4115.05 provides, in part: "Where contracts are not awarded or construction undertaken within ninety days from the date of the establishment of the prevailing wages, there shall be a redetermination of the prevailing rate of wages before the contract is awarded." The expiration date of this wage schedule is listed above for your convenience only. This wage determination is not intended as a blanket determination to be used for all projects during this period without prior approval of this Department.

Section 4115.04, Ohio Revised Code provides, in part: "Such schedule of wages shall be attached to and made a part of the specifications for the work, and shall be printed on the bidding blanks where the work is done by contract..."

The contract between the letting authority and the successful bidder shall contain a statement requiring that mechanics and laborers be paid a prevailing rate of wage as required in Section 4115.06, Ohio Revised Code.

The contractor or subcontractor is required to file with the contracting public authority upon completion of the project and prior to final payment therefore an affidavit stating that he has fully complied with Chapter 4115 of the Ohio Revised Code.

The wage rates contained in this schedule are the "Prevailing Wages" as defined by Section 4115.03, Ohio Revised Code (the basic hourly rates plus certain fringe benefits). These rates and fringes shall be a minimum to be paid under a contract regulated by Chapter 4115 of the Ohio Revised Code by contractors and subcontractors. The prevailing wage rates contained in this schedule include the effective dates and wage rates currently on file. In cases where future effective dates are not included in this schedule, modifications to the wage schedule will be furnished to the Prevailing Wage Coordinator appointed by the public authority as soon as prevailing wage rates increases are received by this office.

"There shall be posted in a prominent and accessible place on the site of work a legible statement of the Schedule of Wage Rates specified in the contract to the various classifications of laborers, workmen, and mechanics employed, said statement to remain posted during the life of such contract." Section 4115.07, Ohio Revised Code.

Apprentices will be permitted to work only under a bona fide apprenticeship program if such program exists and if such program is registered with the Ohio Apprenticeship Council.

Section 4115.071 provides that no later than ten days before the first payment of wages is due to any employee of any contractor or subcontractor working on a contract regulated by Chapter 4115, Ohio Revised Code, the contracting public authority shall appoint one of his own employees to act as the prevailing wage coordinator for said contract. The duties of the prevailing wage coordinator are outlined in Section 4115.071 of the Ohio Revised Code.

Section 4115.05 provides for an escalator in the prevailing wage rate. Each time a new rate is established, that rate is required to be paid on all ongoing public improvement projects.

A further requirement of Section 4115.05 of the Ohio Revised Code is: "On the occasion of the first pay date under a contract, the contractor shall furnish each employee not covered by a collective bargaining agreement or understanding between employers and bona fide organizations of Labor with individual written notification of the job classification to which the employee is assigned, the prevailing wage determined to be applicable to that classification, separated into the hourly rate of pay and the fringe payments, and the identity of the prevailing wage Coordinator appointed by the public authority. The contractor or subcontractor shall furnish the same notification to each affected employee every time the job classification of the employee is changed."

Work performed in connection with the installation of modular furniture may be subject to prevailing wage.

THIS PACKET IS NOT TO BE SEPARATED BUT IS TO REMAIN COMPLETE AS IT IS SUBMITTED TO YOU. (Reference guidelines and forms are included in this packet to be helpful in the compliance of the Prevailing Wage law.)

wh1500



- ▶ forms
- ▶ contacts
- ▶ about LAWS
- ▶ search

Ohio Department of Commerce Bureau of Wage & Hour Administration

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[Business](#)

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[Other Government Agencies](#)

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Classification = All, County = LAKE, Union = All

County	Classification	Effective	Posted	Union
LAKE	Asbestos Worker	8/23/2018	8/23/2018	Asbestos Local 207 OH
LAKE	Asbestos Worker	8/1/2021	7/22/2021	Asbestos Local 3 Heat & Frost Insulators
LAKE	Boilermaker	4/3/2019	4/3/2019	Boilermaker Local 744
LAKE	Bricklayer	5/1/2021	4/21/2021	Bricklayer Local 16
LAKE	Bricklayer	5/1/2021	4/28/2021	Bricklayer Local 36 Zone 1 Tile Finisher
LAKE	Bricklayer	5/1/2021	4/28/2021	Bricklayer Local 36 Zone 1 Tile Layer
LAKE	Bricklayer	6/1/2021	4/28/2021	Bricklayer Local 5 Marble Mason
LAKE	Bricklayer	6/1/2021	4/28/2021	Bricklayer Local 5 Marble, Terrazzo & Mosaic
LAKE	Bricklayer	5/1/2021	4/28/2021	Bricklayer Local 5 Terrazzo Finisher
LAKE	Bricklayer	5/1/2021	4/28/2021	Bricklayer Local 5 Tile & Marble Finisher
LAKE	Carpenter	5/21/2021	5/21/2021	Carpenter Commercial NE Zone 3
LAKE	Carpenter	5/21/2021	5/21/2021	Carpenter Floorlayer NE Zone 3
LAKE	Carpenter	5/21/2021	5/21/2021	Carpenter Insulation NE Zone 3
LAKE	Carpenter	5/21/2021	5/21/2021	Carpenter Millwright NE Zone M1
LAKE	Carpenter	3/5/2014	3/5/2014	Carpenter NE District Industrial Dock & Door
LAKE	Carpenter	5/21/2021	5/21/2021	Carpenter Pile Driver NE Zone P1
LAKE	Bricklayer	6/1/2021	5/26/2021	Cement Mason Bricklayer Local 97 HevHwy A
LAKE	Bricklayer	6/1/2021	5/26/2021	Cement Mason Bricklayer Local 97 HevHwy B
LAKE	Cement	8/25/2021	8/25/2021	Cement Mason Local 404
LAKE	Cement Mason	5/1/2021	4/23/2021	Cement Mason Statewide HevHwy Exhibit A District I
LAKE	Cement Mason	5/1/2021	4/23/2021	Cement Mason Statewide HevHwy Exhibit B District I
LAKE	Electrical	2/16/2022	2/16/2022	Electrical Local 673 Inside
LAKE	Electrical	2/23/2022	2/23/2022	Electrical Local 673 Inside Lt Commercial Northern
LAKE	Electrical	7/30/2020	7/30/2020	Electrical Local 673 Lightning Rod
LAKE	Voice Data Video	6/25/2020	6/25/2020	Electrical Local 673 Voice Data Video
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 DOT Traffic Signal Highway Lighting Cleveland
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 Cleveland Commercial Projects
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 Cleveland Municipal Power & Transit
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 High Tension Pipe Type Cable
LAKE	Lineman	3/16/2021	3/16/2021	Electrical Local 71 Outside Utility Power
LAKE	Voice Data Video	10/18/2017	10/18/2017	Electrical Local 71 Voice Data Video Outside
LAKE	Elevator	5/30/2012	5/30/2012	Elevator Local 17
LAKE	Glazier	12/31/2021	12/22/2021	Glazier Local 181
LAKE	Ironworker	12/24/2020	12/24/2020	Ironworker Local 17
LAKE	Laborer	5/21/2021	5/21/2021	Labor Local 310
LAKE	Laborer Group 1	5/1/2021	4/21/2021	Laborer HevHwy 1A
LAKE	Operating Engineer	8/13/2021	8/13/2021	Operating Engineers - Building Local 18 - Zone I (A)
LAKE	Operating Engineer	8/13/2021	8/13/2021	Operating Engineers - HevHwy Zone I
LAKE	Drywall Finisher	12/31/2021	12/22/2021	Painter Local 505
LAKE	Painter	6/10/2015	6/10/2015	Painter Local 639
LAKE	Painter	6/29/2021	6/29/2021	Painter Local 639 Zone 1 Sign
LAKE	Painter	12/31/2021	12/22/2021	Painter Local 707
LAKE	Painter	12/31/2021	12/22/2021	Painter Local 707 HvyHwy
LAKE	Sprinkler Fitter	5/21/2021	5/21/2021	Pipefitter Local 120
LAKE	Pipefitter	5/21/2021	5/21/2021	Pipefitter Local 120
LAKE	Pipefitter	5/21/2021	5/21/2021	Pipefitter Local 120 Mechanical Equipment
LAKE	Plaster	5/1/2021	4/28/2021	Plasterer Local 526
LAKE	Plumber	6/9/2021	6/9/2021	Plumber Local 55
LAKE	Roofer	5/21/2021	5/21/2021	Roofer Local 44
LAKE	Sheet Metal Worker	8/1/2021	7/28/2021	Sheet Metal Local 33 (Cleveland)
LAKE	Truck Driver	8/12/2015	8/12/2015	Truck Driver HevHwy 436

Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 207 OH

Change # : LCN01-2018fbLoc207OH

Craft : Asbestos Worker Effective Date : 08/23/2018 Last Posted : 08/23/2018

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Asbestos Abatement	\$25.50	\$7.25	\$6.45	\$0.65	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$39.92	\$52.67
Trainee	\$16.50	\$7.25	\$1.50	\$0.65	\$0.00	\$0.00	\$0.07	\$0.00	\$0.00	\$25.97	\$34.22

Special Calculation Note :

Ratio :

3 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA*, ATHENS, AUGLAIZE, BROWN, BUTLER*, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARDIN, HARRISON, HIGHLAND, HOCKING, HOLMES, HURON, KNOX, LAKE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MIAMI, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PORTAGE, PREBLE, RICHLAND, ROSS, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VINTON, WARREN*, WAYNE

Special Jurisdictional Note : Butler County:(townships of Fairfield,Hanover,Liberty,Milford,Morgan,Oxford,Ripley,Ross,StClair,Union & Wayne.) (Lemon & Madison) Warren County: (townships of: Deerfield, Hamilton, Harlan, Salem, Union & Washington). (Clear Creek, Franklin, Mossie, Turtle Creek & Wayney). Ashtabula County: (post offices & townships of Ashtabula, Austinburg, Geneva, Harperfield, Jefferson, Plymouth & Saybrook) (townships of Andover, Cherry Valley, Colbrook, Canneaut, Denmark, Dorset, East Orwell, Hartsgrove, Kingville, Lenox, Monroe,Morgan,New Lyme,North Kingsville, Orwell, Pierpoint, Richmond Rock Creek, Rome, Sheffield, Trumbull, Wayne, Williamsfield & Windsor) Erie County:(post offices & townships of Berlin, Berlin Heights,Birmingham,Florence ,Huron, Milan, Shinrock & Vermilion)

Details :

Asbestos & lead paint abatement including, but not limited to the removal or encapsulation of asbestos & lead paint, all work in conjunction with the preparation of the removal of same & all work in conjunction with the clean up after said removal. The removal of all insulation materials, whether they contain asbestos or not, from mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) is recognized as being the exclusive work of the Asbestos Abatement Workers.

On all mechanical systems (pipes, boilers, ducts, flues, breaching, etc.) that are going to be demolished, the removal of all insulating materials whether they contain asbestos or not shall be the exclusive work of the Laborers.

An Abatement Journeyman is anyone who has more than 300 hours in the Asbestos Abatement field.

Prevailing Wage Rate Skilled Crafts

Name of Union: Asbestos Local 3 Heat & Frost Insulators

Change # : LCN01-2020fbLoc3

Craft : Asbestos Worker Effective Date : 08/01/2020 Last Posted : 07/30/2020

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Asbestos Insulation Worker	\$39.08		\$13.35	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62.43	\$81.97
Fire Stop Specialist	\$39.08		\$13.35	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62.43	\$81.97
Fire Stop Technician	\$32.59		\$13.35	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.94	\$66.24
Apprentice	Percent											
1st year	51.15	\$19.99	\$13.35	\$1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.34	\$44.33
2nd year	64.56	\$25.23	\$13.35	\$2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.58	\$53.20
3rd year	69.99	\$27.35	\$13.35	\$3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.70	\$57.38
4th year	83.39	\$32.59	\$13.35	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.94	\$66.23

Special Calculation Note : There are no special calculations for this classification.

Ratio :

3 Journeymen to 1 Apprentice per shop

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA*, CUYAHOGA, ERIE*, GEAUGA, HURON, LAKE, LORAIN

Special Jurisdictional Note : Ashtabula (the townships of Ashtabula, Austinburg, Geneva, Jefferson, Plymouth & Saybrook), Lake, Geauga, Cuyahoga, Lorain, Huron, Erie (to Sandusky limits). The counties of Ashland, Coshocton, Holmes, Medina, Portage, Richland, Stark, Tuscarawas, Wayne, Summit, Harrison, Carroll, Columbiana, Mahoning & Trumbull & the remainder of Ashtabula will be considered open counties on a 90 day basis automatically renewable unless revoked by the Union upon 15-day written notice to the employers.

Details :

Mechanics & apprentices engaged in the manufacture, fabrication, assembling, molding, handling, erection, spraying, pouring, mixing, hanging, clean-up, preparation, application, adjusting, alteration, repairing, dismantling, reconditioning, testing & maintenance of Heat & Frost Insulation such as Magnesia, Asbestos, Hair Felt, Wool Felt, Cork, Mineral Wool, Infusorial Earth, Mercerized Silk, Flax, Fiber, Fire Felt, Asbestos Paper, Asbestos Curtain, Asbestos Millboard, Fiberglass, Foam glass, Styrofoam, Polyurethane, fire stopping, smoke stopping, all recyclable material, soundproofing, all penetrations, any flexible or rigid fireproofing, all jacketing systems including metal, lead, and PVC or other material.

Prevailing Wage Rate Skilled Crafts

Name of Union: Boilermaker Local 744

Change # : LCNO1-2019fbLoc744

Craft : Boilermaker Effective Date : 04/03/2019 Last Posted : 04/03/2019

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Boilermaker	\$38.05		\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$67.76	\$86.78
Apprentice	Percent											
1st 6 months	70.02	\$26.64	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$56.35	\$69.67
2nd 6 months	72.52	\$27.59	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$57.30	\$71.10
3rd 6 months	75.00	\$28.54	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$58.25	\$72.52
4th 6 months	77.51	\$29.49	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$59.20	\$73.95
5th 6 months	80.00	\$30.44	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$60.15	\$75.37
6th 6 months	85.03	\$32.35	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$62.06	\$78.24
7th 6 months	90.00	\$34.25	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$63.96	\$81.08
8th 6 months	95.00	\$36.15	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$65.86	\$83.93
Helper	60.00	\$22.83	\$7.07	\$16.07	\$0.74	\$0.00	\$5.08	\$0.75	\$0.00	\$0.00	\$52.54	\$63.96

Special Calculation Note : Other is Supplemental Health

Ratio :

5 Journeymen to 1 Apprentice to 1 Helper

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CARROLL, COSHOCTON, CUYAHOGA, GEAUGA, HARRISON, HOLMES, LAKE, LORAIN, MAHONING, MEDINA, PORTAGE, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, WAYNE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 16

Change # : LCN01-2021fbLoc16

Craft : Bricklayer Effective Date : 05/01/2021 Last Posted : 04/21/2021

Classification	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Bricklayer	\$35.23		\$9.20	\$7.88	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$53.55	\$71.16
Cement & Stone Masons	\$35.23		\$9.20	\$7.88	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$53.55	\$71.16
Pointer Caulker Cleaner	\$35.23		\$9.20	\$7.88	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$53.55	\$71.16
Plasterers	\$35.23		\$9.20	\$7.88	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$53.55	\$71.16
Mason Trainee												
1-90 Days	\$15.85		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.85	\$23.77
91-365 Days	\$15.85		\$9.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.05	\$32.97
366 plus days	\$17.62		\$9.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.82	\$35.63
Apprentice	Percent											
1st 6 months	45.00	\$15.85	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$28.59	\$36.52
2nd 6 months	51.00	\$17.97	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$30.71	\$39.69
3rd 6 months	58.00	\$20.43	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$33.17	\$43.39
4th 6 months	66.00	\$23.25	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$35.99	\$47.62
5th 6 months	75.00	\$26.42	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$39.16	\$52.37
6th 6 months	85.00	\$29.95	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$42.69	\$57.66
7th 6 months	90.00	\$31.71	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$44.45	\$60.30
8th 6 months	95.00	\$33.47	\$9.20	\$2.30	\$0.74	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$46.21	\$62.94

Special Calculation Note : Improver Classification is 50% to 80% of the journeyman rate with full fringes except pension is at (\$1.00)Until such time as the joint apprentice board determines he is a qualified Journeyman, this should not exceed the Apprentice training period.Improvers may not constitute more than 20% of the work force

Ratio :

- 1-3 Journeymen to 1 Apprentice
- 4-6 Journeymen to 2 Apprentice
- 7-9 Journeymen to 3 Apprentice
- 10-12 Journeymen to 4 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, GEAUGA, LAKE

- 1 Apprentice permits 1 Mason Trainee
- 2 Apprentice permits 1 Mason Trainee
- 3 Apprentice permits 2 Mason Trainee
- 4 Apprentice permits 2 Mason Trainee

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 36 Zone 1 Tile Finisher

Change # : LCN01-2021fbLoc5

Craft : Bricklayer Effective Date : 05/01/2021 Last Posted : 04/28/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Tile Finisher	\$28.41		\$8.70	\$1.35	\$0.64	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$43.60	\$57.81
Apprentice Tile Finishers	Percent											
1st 6 months	60.00	\$17.05	\$8.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.75	\$34.27
2nd 6 months	70.00	\$19.89	\$8.70	\$1.35	\$0.64	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$35.08	\$45.02
3rd 6 months	75.00	\$21.31	\$8.70	\$1.35	\$0.64	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$36.50	\$47.15
4th 6 months	80.00	\$22.73	\$8.70	\$1.35	\$0.64	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$37.92	\$49.28
5th 6 months	85.00	\$24.15	\$8.70	\$1.35	\$0.64	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$39.34	\$51.41
6th 6 months	90.00	\$25.57	\$8.70	\$1.35	\$0.64	\$0.00	\$4.50	\$0.00	\$0.00	\$0.00	\$40.76	\$53.54

Special Calculation Note :

Ratio :

1-4 Journeymen to 1 Apprentice
 5-10 Journeymen to 2 Apprentice
 11-16 Journeymen to 3 Apprentice

Jurisdiction (* denotes special jurisdictional note)

: ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, MEDINA

Special Jurisdictional Note :

Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of it. They shall handle and distribute all materials such as sand,cement,lime,tile,all types of tile panels,prefabricated tile units, plastic materials and protective covering of all tile.Clean up and removal of always used in connection of said work.

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 36 Zone 1 Tile Layer

Change # : LCN01-2021fbLoc36

Craft : Bricklayer Effective Date : 05/01/2021 Last Posted : 04/28/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Tile Layer	\$32.32		\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$50.76	\$66.92
Apprentice	Percent											
1st 30 days	60.00	\$19.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.39	\$29.09
1st 6 months	60.00	\$19.39	\$8.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.09	\$37.79
2nd 6 months	65.00	\$21.01	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$39.45	\$49.95
3rd 6 months	70.00	\$22.62	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$41.06	\$52.38
4th 6 months	75.00	\$24.24	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$42.68	\$54.80
5th 6 months	80.00	\$25.86	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$44.30	\$57.22
6th 6 months	85.00	\$27.47	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$45.91	\$59.65
7th 6 months	90.00	\$29.09	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$47.53	\$62.07
8th 6 months	95.00	\$30.70	\$8.70	\$2.43	\$0.71	\$0.00	\$6.60	\$0.00	\$0.00	\$0.00	\$49.14	\$64.50

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio :

- 1-4 Journeymen to 1 Apprentice
- 5-10 Journeymen to 2 Apprentice
- 11-16 Journeymen to 3 Apprentice

Jurisdiction (* denotes special jurisdictional note)

- :
- ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, MEDINA

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: **Bricklayer Local 5 Marble Mason**

Change # : LCN01-2021fbLoc5

Craft : Bricklayer Effective Date : 06/01/2021 Last Posted : 04/28/2021

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Bricklayer Horizontal Marble Mason	\$25.58		\$8.59	\$9.45	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.26	\$57.05
Masonry Maintenance Specialist	\$12.79		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.79	\$19.18
Apprentice	Percent											
1st 6 Months	60.00	\$15.35	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.94	\$31.61
2nd 6 Months	65.00	\$16.63	\$8.59	\$1.60	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.46	\$35.77
3rd 6 Months	70.00	\$17.91	\$8.59	\$9.45	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.59	\$45.54
4th 6 Months	75.00	\$19.18	\$8.59	\$9.45	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.86	\$47.46
5th 6 Months	80.00	\$20.46	\$8.59	\$9.45	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.14	\$49.38
6th 6 Months	85.00	\$21.74	\$8.59	\$9.45	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.42	\$51.29
MASON TRAINEES												
1st 90 Days	45.00	\$11.51	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.51	\$17.27
1st year after 90 Days	45.00	\$11.51	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.10	\$25.86
2nd Year	50.00	\$12.79	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.38	\$27.77

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Ratio :

- 1-2 Journeyman to 1 Apprentice
- 3-4 Journeyman to 2 Apprentices
- 5-6 Journeyman to 2 Apprentices
- 6-10 Journeyman to 3 Apprentices

- 1 Apprentice permits 1 Mason Trainee
- 2 Apprentice permits 1 Mason Trainee
- 3 Apprentice permits 2 Mason Trainee
- 4 Apprentice permits 2 Mason Trainee

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note :

Details :

In the mutual interest of both Employer and Union and to promote the masonry industry, it is agreed that the Employer may work with the Union and the Local Educational Partners in the jurisdiction of this agreement to employ School to work students provided that no conflicts exist with any Federal or State Laws. Employer must be party to a bonified Apprenticeship and Training program registered with the State of Ohio (OSAC). It is further agreed by both parties that the wages for the Masonry Maintenance Specialist shall be forty-five percent (45%) of the journeyman rate with no fringe benefits or as specified by the Local Educational Partner in the jurisdiction of the agreement.

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Marble, Terrazzo & Mosaic

Change # : LCN01-2021fbLoc5

Craft : Bricklayer Effective Date : 06/01/2021 Last Posted : 04/28/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Marble, Terrazzo, Mosaic	\$36.38		\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.17	\$73.36
Swing Scaffold Workers	\$37.38		\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$56.17	\$74.86
Stack	\$36.88		\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55.67	\$74.11
Masonry Maintenance	\$16.37		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.37	\$24.55
Apprentice	Percent											
1st 6 months	60.00	\$21.83	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.42	\$41.33
2nd 6 months	65.00	\$23.65	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.44	\$54.26
3rd 6 months	70.00	\$25.47	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.26	\$56.99
4th 6 months	75.00	\$27.29	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$46.08	\$59.72
5th 6 months	80.00	\$29.10	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.89	\$62.45
6th 6 months	85.00	\$30.92	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$49.71	\$65.17
7th 6 months	90.00	\$32.74	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$51.53	\$67.90
8th 6 months	95.00	\$34.56	\$8.59	\$9.45	\$0.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$53.35	\$70.63
MASON TRAINEES 1st 90 Days	45.00	\$16.37	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.37	\$24.56
1st Year after 90 Days	45.00	\$16.37	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.96	\$33.15
2nd Year	50.00	\$18.19	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.78	\$35.88

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Ratio :

1-2 Journeyman to 1 Apprentice
3-4 Journeyman to 2 Apprentices
5-6 Journeyman to 3 Apprentices
7-10 Journeyman to 4 Apprentices

1 Apprentice permits 1 Mason Trainee
2 Apprentice permits 1 Mason Trainee
3 Apprentice permits 2 Mason Trainee
4 Apprentice permits 2 Mason Trainee

Special Jurisdictional Note :

Details :

In the mutual interest of both Employer and Union and to promote the masonry industry, it is agreed that the Employer may work with the Union and the Local Educational Partners in the jurisdiction of this agreement to employ School to work students provided that no conflicts exist with any Federal or State Laws. Employer must be party to a bonified Apprenticeship and Training program registered with the State of Ohio (OSAC). It is further agreed by both parties that the wages for the Masonry Maintenance Specialist shall be forty-five percent (45%) of the journeyman rate with no fringe benefits or as specified by the Local Educational Partner in the jurisdiction of the agreement.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, GEAUGA, LAKE, PORTAGE,
SUMMIT

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Terrazzo Finisher

Change # : LCN01-2021fbLoc5

Craft : Bricklayer Effective Date : 05/01/2021 Last Posted : 04/28/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Terrazzo Finisher	\$29.22		\$8.59	\$5.15	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.60	\$58.21
Apprentice Terrazzo Finishers	Percent											
1st 6 months	60.00	\$17.53	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.12	\$34.89
2nd 6 months	70.00	\$20.45	\$8.59	\$5.15	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.83	\$45.06
3rd 6 months	75.00	\$21.91	\$8.59	\$5.15	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.30	\$47.25
4th 6 months	80.00	\$23.38	\$8.59	\$5.15	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.76	\$49.44
5th 6 months	85.00	\$24.84	\$8.59	\$5.15	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.22	\$51.64
6th 6 months	90.00	\$26.30	\$8.59	\$5.15	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.68	\$53.83

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio :

- 1-2 Journeymen to 1 Apprentice
- 3- 4 Journeymen to 2 Apprentices
- 5- 6 Journeymen to 3 Apprentices
- 7- 8 Journeymen to 4 Apprentices

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note :

Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all tiles,opening of all mastic containers,mixing of all mortar,thin-set and epoxy materials,also the distribution of

it. They shall handle and distribute all materials such as sand, cement, lime, tile, all types of tile panels, prefabricated tile units, plastic materials and protective covering of all tile. Clean up and removal of always used in connection of said work.

Terrazzo Finishers: Assisting in grinding, and handling of material whether by hand or wheel barrow, or power buggies, including sand Portland cement, resinous cement and admixtures, aggregates of marble, stone or other compositions, bonding adhesives, sealers, waxes, and coatings used for Terrazzo Mosaic work, preparing, mixing by hand or machine, and distributing (spreading) all kinds of underbed or underlayment necessary and all scratch coat used for terrazzo and mosaic work. Also the rubbing, grinding, cleaning, sealing and polishing same either by hand or machine. will assist in the installation of the sand bed, tar paper, wire lath, divider strips, and rolling procedures and acid etching of all concrete floors that require it before installation. Shall handle all materials and assist in the installation of all types of terrazzo floors whether conventional or thin-set variety.

Marble Finishers: Loading and unloading handling and distributing of marble materials including the mixing of all materials used for the installation of marble, such as cement underbeds for the floors, thin-set or epoxies including but not limited to plastic materials. Clean up and removal of all waster material of said work. Cleaning and grouting of all marble and slate, and all polishing of marble and slate floors.

Prevailing Wage Rate Skilled Crafts

Name of Union: Bricklayer Local 5 Tile & Marble Finisher

Change # : LCN01-2021fbLoc5

Craft : Bricklayer Effective Date : 05/01/2021 Last Posted : 04/28/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Bricklayer Tile Marble Finisher	\$29.60		\$8.59	\$4.77	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$43.60	\$58.40
Apprentice Tile Marble Finishers	Percent											
1st 6 months	60.00	\$17.76	\$8.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.35	\$35.23
2nd 6 months	70.00	\$20.72	\$8.59	\$4.77	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$34.72	\$45.08
3rd 6 months	75.00	\$22.20	\$8.59	\$4.77	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$36.20	\$47.30
4th 6 months	80.00	\$23.68	\$8.59	\$4.77	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.68	\$49.52
5th 6 months	85.00	\$25.16	\$8.59	\$4.77	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.16	\$51.74
6th 6 months	90.00	\$26.64	\$8.59	\$4.77	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.64	\$53.96

Special Calculation Note : Classification title contains "Bricklayer" because contract originates within the Bricklayer Local.

Note that the classification description is clarified after the local union number at the top of the page.

Ratio :

- 1-2 Journeymen to 1 Apprentice
- 3- 4 Journeymen to 2 Apprentice
- 5-6 Journeymen to 3 Apprentice
- 7-8 Journeymen to 4 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

- ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
- LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note :

Details :

Tile Finishers:do all the cleaning, acid washing,grouting,by any methods or means. Also unpacking of all

tiles, opening of all mastic containers, mixing of all mortar, thin-set and epoxy materials, also the distribution of it. They shall handle and distribute all materials such as sand, cement, lime, tile, all types of tile panels, prefabricated tile units, plastic materials and protective covering of all tile. Clean up and removal of always used in connection of said work.

Terrazzo Finishers: Assisting in grinding, and handling of material whether by hand or wheel barrow, or power buggies, including sand Portland cement, resinous cement and admixtures, aggregates of marble, stone or other compositions, bonding adhesives, sealers, waxes, and coatings used for Terrazzo Mosaic work, preparing, mixing by hand or machine, and distributing (spreading) all kinds of underbed or underlayment necessary and all scratch coat used for terrazzo and mosaic work. Also the rubbing, grinding, cleaning, sealing and polishing same either by hand or machine. will assist in the installation of the sand bed, tar paper, wire lath, divider strips, and rolling procedures and acid etching of all concrete floors that require it before installation. Shall handle all materials and assist in the installation of all types of terrazzo floors whether conventional or thin-set variety.

Marble Finishers: Loading and unloading handling and distributing of marble materials including the mixing of all materials used for the installation of marble, such as cement underbeds for the floors, thin-set or epoxies including but not limited to plastic materials. Clean up and removal of all waster material of said work. Cleaning and grouting of all marble and slate, and all polishing of marble and slate floors.

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Commercial NE Zone 3

Change # : LCN01-2021fbLocNEZone3

Craft : Carpenter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)		
Classification											
Carpenter	\$33.25	\$7.79	\$10.38	\$0.56	\$0.00	\$2.92	\$0.00	\$0.00	\$0.00	\$54.90	\$71.53
Apprentice	Percent										
1st 3 months	60.00	\$19.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.95	\$29.92
2nd 3 months	60.00	\$19.95	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$28.30	\$38.28
2nd 6 months	60.00	\$19.95	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$28.30	\$38.28
3rd 6 months	60.00	\$19.95	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$28.30	\$38.28
4th 6 months	60.00	\$19.95	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$28.30	\$38.28
5th 6 months	70.00	\$23.27	\$7.79	\$7.27	\$0.56	\$0.00	\$2.04	\$0.00	\$0.00	\$40.93	\$52.57
6th 6 months	75.00	\$24.94	\$7.79	\$7.79	\$0.56	\$0.00	\$2.19	\$0.00	\$0.00	\$43.27	\$55.74
7th 6 months	80.00	\$26.60	\$7.79	\$8.30	\$0.56	\$0.00	\$2.34	\$0.00	\$0.00	\$45.59	\$58.89
8th 6 months	85.00	\$28.26	\$7.79	\$8.82	\$0.56	\$0.00	\$2.48	\$0.00	\$0.00	\$47.91	\$62.04

Special Calculation Note :

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Floorlayer NE Zone 3

Change # : LCN01-2021fbLocNEZone3

Craft : Carpenter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Floorlayer	\$33.25		\$7.79	\$10.38	\$0.58	\$0.00	\$2.92	\$0.00	\$0.00	\$0.00	\$54.92	\$71.54
Apprentice	Percent											
1st 3 months	60.00	\$19.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19.95	\$29.92
2nd 3 months	60.00	\$19.95	\$7.79	\$0.00	\$0.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.32	\$38.29
2nd 6 months	60.00	\$19.95	\$7.79	\$0.00	\$0.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.32	\$38.29
3rd 6 months	60.00	\$19.95	\$7.79	\$0.00	\$0.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.32	\$38.29
4th 6 months	60.00	\$19.95	\$7.79	\$0.00	\$0.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$28.32	\$38.29
5th 6 months	70.00	\$23.27	\$7.79	\$7.27	\$0.58	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$40.95	\$52.59
6th 6 months	75.00	\$24.94	\$7.79	\$7.79	\$0.58	\$0.00	\$2.19	\$0.00	\$0.00	\$0.00	\$43.29	\$55.76
7th 6 months	80.00	\$26.60	\$7.79	\$8.30	\$0.58	\$0.00	\$2.34	\$0.00	\$0.00	\$0.00	\$45.61	\$58.91
8th 6 months	85.00	\$28.26	\$7.79	\$8.82	\$0.58	\$0.00	\$2.48	\$0.00	\$0.00	\$0.00	\$47.93	\$62.06

Special Calculation Note :

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Insulation NE Zone 3

Change # : LCN01-2021fbLocNEZone3

Craft : Carpenter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Insulation	\$26.60		\$7.79	\$10.38	\$0.56	\$0.00	\$2.92	\$0.00	\$0.00	\$0.00	\$48.25	\$61.55
Apprentice	Percent											
1st 3 months	50.00	\$13.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.30	\$19.95
2nd 3 months	50.00	\$13.30	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.65	\$28.30
2nd 6 months	50.00	\$13.30	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$21.65	\$28.30
3rd 6 months	55.00	\$14.63	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.98	\$30.30
4th 6 months	60.00	\$15.96	\$7.79	\$0.00	\$0.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.31	\$32.29
5th 6 months	70.00	\$18.62	\$7.79	\$7.27	\$0.56	\$0.00	\$2.04	\$0.00	\$0.00	\$0.00	\$36.28	\$45.59
6th 6 months	75.00	\$19.95	\$7.79	\$7.79	\$0.56	\$0.00	\$2.19	\$0.00	\$0.00	\$0.00	\$38.28	\$48.26
7th 6 months	80.00	\$21.28	\$7.79	\$8.30	\$0.56	\$0.00	\$2.34	\$0.00	\$0.00	\$0.00	\$40.27	\$50.91
8th 6 month	85.00	\$22.61	\$7.79	\$8.82	\$0.56	\$0.00	\$2.48	\$0.00	\$0.00	\$0.00	\$42.26	\$53.57

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Millwright NE Zone M1

Change # : LCN01-2021fbLocNEZoneM1

Craft : Carpenter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Millwright	\$30.95		\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$54.90	\$70.37
Certified Welder	\$31.95		\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$55.90	\$71.87
Layout man on Monorail	\$32.70		\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$56.65	\$73.00
Apprentice	Percent											
1st 6 months	60.00	\$18.57	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$42.52	\$51.81
2nd 6 months	60.00	\$18.57	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$42.52	\$51.81
3rd 6 months	62.00	\$19.19	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$43.14	\$52.73
4th 6 months	65.50	\$20.27	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$44.22	\$54.36
5th 6 months	69.00	\$21.36	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$45.31	\$55.98
6th 6 months	72.50	\$22.44	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$46.39	\$57.61
7th 6 months	76.00	\$23.52	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$47.47	\$59.23
8th 6 months	80.00	\$24.76	\$7.85	\$10.73	\$0.56	\$0.00	\$4.76	\$0.05	\$0.00	\$0.00	\$48.71	\$61.09

Special Calculation Note : Other \$0.05 is for UBC Millwright Promotional Fund

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA, PORTAGE, RICHLAND, SUMMIT

Special Jurisdictional Note :

Details :

The term “Millwright and Machine Erectors” jurisdiction shall mean the unloading, hoisting, rigging, skidding, moving, dismantling, aligning, erecting, assembling, repairing, maintenance and adjusting of all structures, processing areas either under cover, under ground or elsewhere, required to process material, handle, manufacture or service, be it powered or receiving power manually, by steam, gas, electricity, gasoline, diesel, nuclear, solar, water, air or chemically, and in industries such as and including, which are identified for the purpose of description, but not limited to, the following: woodworking plants; canning industries; steel mills; coffee roasting plants; paper and pulp; cellophane; stone crushing; gravel and sand washing and handling; refineries; grain storage and handling; asphalt plants; sewage disposal; water plants; laundries; bakeries; mixing plants; can, bottle and bag packing plants; textile mills; paint mills; breweries; milk processing plants; power plants; aluminum processing or manufacturing plants; and amusement and entertainment fields. The installation of mechanical equipment in atomic energy plants; installation of reactors in power plants; installation of control rods and equipment in reactors; and installation of mechanical equipment in rocket missile bases, launchers, launching gantry, floating bases, hydraulic escape doors and any and all component parts thereto, either assembled, semi-assembled or disassembled. The installation of, but not limited to, the following: setting-up of all engines, motors, generators, air compressors, fans, pumps, scales, hoppers, conveyors of all types, sizes and their supports; escalators; man lifts; moving sidewalks; hoists; dumb waiters; all types of feeding machinery; amusement devices; mechanical pin setters and spotters in bowling alleys; refrigeration equipment; and the installation of all types of equipment necessary and required to process material either in the manufacturing or servicing. The handling and installation of pulleys, gears, sheaves, fly wheels, air and vacuum drives, worm drives and gear drives directly or indirectly coupled to motors, belts, chains, screws, legs, boots, guards, booth tanks, all bin valves, turn heads and indicators, shafting, bearings, cable sprockets, cutting all key seats in new and old work, troughs, chippers, filters, calendars, rolls, winders, rewinders, slitters, cutters, wrapping machines, blowers, forging machines, rams, hydraulic or otherwise, planing, extruder, ball, dust collectors, equipment in meat packing plants, splicing of ropes and cables. The laying-out, fabrication and installation of protection equipment including machinery guards, making and setting of templates for machinery, fabrication of bolts, nuts, pans, drilling of holes for any equipment which the Millwrights install regardless of materials; all welding and burning regardless of type, fabrication of all lines, hose or tubing used in lubricating machinery installed by Millwrights; grinding, cleaning, servicing and any machine work necessary for any part of any equipment installed by the Millwrights; and the break-in and trial run of any equipment or machinery installed by the Millwrights. It is agreed the Millwrights shall use the layout tools and optic equipment necessary to perform their work.

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter NE District Industrial Dock & Door

Change # : LCN01-2014fbCarpNEStatewide

Craft : Carpenter Effective Date : 03/05/2014 Last Posted : 03/05/2014

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter	\$19.70		\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.90	\$35.75
Trainee	Percent											
1st Year	60.00	\$11.82	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.02	\$23.93
2nd Year	80.20	\$15.80	\$5.05	\$1.00	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.00	\$29.90

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

1 Journeymen to 1 Trainee

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GEauga, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE, WILLIAMS, WOOD, WYANDOT

Special Jurisdictional Note : Industrial Dock and Door is the installation of overhead doors,

roll up doors and dock leveling equipment

Details :

10/27/10 New Contract jc

Prevailing Wage Rate Skilled Crafts

Name of Union: Carpenter Pile Driver NE Zone P1

Change # : LCN01-2021fbLocNEZoneP1

Craft : Carpenter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Carpenter Pile Driver	\$31.24		\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$54.90	\$70.52
Diver	\$46.86		\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$70.52	\$93.95
Certified Welder	\$32.29		\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$55.95	\$72.10
Apprentice	Percent											
1st 6 months	60.00	\$18.74	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$42.40	\$51.78
2nd 6 months	60.00	\$18.74	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$42.40	\$51.78
3rd 6 months	62.00	\$19.37	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$43.03	\$52.71
4th 6 months	65.50	\$20.46	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$44.12	\$54.35
5th 6 months	69.00	\$21.56	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$45.22	\$55.99
6th 6 months	72.50	\$22.65	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$46.31	\$57.63
7th 6 months	76.00	\$23.74	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$47.40	\$59.27
8th 6 months	80.00	\$24.99	\$7.84	\$10.73	\$0.56	\$0.00	\$4.53	\$0.00	\$0.00	\$0.00	\$48.65	\$61.15

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHLAND, ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA, PORTAGE, RICHLAND, SUMMIT

Special Jurisdictional Note :

Details :

Pile Drivers duties shall include but not limited to: Pile driving, milling, fashioning, joining assembling, erecting, fastening, or dismantling of all material of wood, plastic, metal, fiber, cork and composition and all other substitute materials: pile driving, cutting, fitting and placing of lagging, and the handling, cleaning, erecting, installing and dismantling of machinery, equipment and erecting pre-engineered metal buildings. Pile Drivers work but not limited to: unloading, assembling, erection, repairs, operation, signaling, dismantling and reloading all equipment that is used for pile driving including pile butts is defined as sheeting or scrap piling. Underwater work that may be required in connection with the installation of piling. The driver and his tender work as a team and shall arrive at their own financial arrangements with the contractor. Any configuration of wood, steel, concrete or composite that is jetted, driven or vibrated onto the ground by conventional pile driving equipment for the purpose of supporting a future load that may be permanent or temporary. The construction of all wharves and docks, including the fabrication and installation of floating docks. Driving bracing, plumbing, cutting off and capping of all piling whether wood, metal, pipe piling or composite, loading, unloading, erecting, framing, dismantling, moving and handling of pile driving equipment piling used in the construction and repair of all wharves, docks, piers, trestles, caissons, cofferdams and erection of all sea walls and breakwaters. All underwater and marine work on bulkheads, wharves, docks, shipyards, caissons, piers, bridges, pipeline, work, viaducts, marine cable and trestles, as well as salvage and reclamation work where divers are employed. Rate shall include carpenters, acoustic and ceiling installers, drywall installers, pile drivers and floorlayers.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Bricklayer Local 97 HevHwy A

Change # : LCN01-2021fbHvyHwy

Craft : Bricklayer Effective Date : 06/01/2021 Last Posted : 05/26/2021

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason Bricklayer Sewer Water Works A	\$30.40		\$9.50	\$7.57	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$47.95	\$63.15
Apprentice	Percent											
1st year	50.00	\$15.20	\$9.50	\$7.57	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$32.75	\$40.35
2nd year	70.00	\$21.28	\$9.50	\$7.57	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$38.83	\$49.47
3rd year	90.00	\$27.36	\$9.50	\$7.57	\$0.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$44.91	\$58.59

Special Calculation Note : NOT FOR BUILDING CONSTRUCTION.

Ratio :

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 3 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note :

Details :

- (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.
- (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Bricklayer Local 97 HevHwy B

Change # : LCN01-2021fbHvyHwy

Craft : Bricklayer Effective Date : 06/01/2021 Last Posted : 05/26/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Cement Mason Bricklayer Power Plants Tunnels Amusement Parks B	\$31.39		\$9.50	\$7.57	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48.95	\$64.64
Apprentice	Percent											
1st year	50.00	\$15.70	\$9.50	\$7.57	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.26	\$41.10
2nd year	70.00	\$21.97	\$9.50	\$7.57	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$39.53	\$50.52
3rd year	90.00	\$28.25	\$9.50	\$7.57	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.81	\$59.94

Special Calculation Note : NOT FOR BUILDING CONSTRUCTION.

Ratio :

- 3 Journeymen to 1 Apprentice
- 6 Journeymen to 2 Apprentice
- 9 Journeymen to 2 Apprentice
- 12 Journeymen to 4 Apprentice
- 15 Journeymen to 5 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ALLEN, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DEFIANCE, DELAWARE, ERIE, FAIRFIELD, FAYETTE, FRANKLIN, FULTON, GALLIA, GAUGA, GREENE, GUERNSEY, HAMILTON, HANCOCK, HARDIN, HARRISON, HENRY, HIGHLAND, HOCKING, HOLMES, HURON, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, LUCAS, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, OTTAWA, PAULDING, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, PUTNAM, RICHLAND, ROSS, SANDUSKY, SCIOTO, SENECA, SHELBY, STARK, SUMMIT, TRUMBULL, TUSCARAWAS, UNION, VAN WERT, VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note :

Details :

- (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site Heavy Construction, Airport Construction Or Railroad Construction Work.
- (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Local 404

Change # : LCN01-2021sksLoc404

Craft : Cement Effective Date : 08/25/2021 Last Posted : 08/25/2021

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Cement Mason	\$32.75		\$8.80	\$6.80	\$0.50	\$0.00	\$5.33	\$0.20	\$0.00	\$0.07	\$54.45	\$70.82
Apprentice Percent												
1st yr	58.15	\$19.04	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$38.08	\$47.61
2nd yr	73.13	\$23.95	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$42.99	\$54.97
3rd yr	83.10	\$27.22	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$46.26	\$59.86
4th yr	98.15	\$32.14	\$8.80	\$6.80	\$0.50	\$0.00	\$2.67	\$0.20	\$0.00	\$0.07	\$51.18	\$67.26

Special Calculation Note : Other is Training Fund

Ratio :

5 Journeymen to 1 Apprentice
2 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Statewide HevHwy Exhibit A District I

Change # : LCN01-2022sksCementHevHwy

Craft : Cement Mason Effective Date : 05/01/2022 Last Posted : 04/27/2022

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Cement Mason	\$33.99	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$52.76	\$69.75
Apprentice	Percent										
1st Year	70.00	\$23.79	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$42.56	\$54.46
2nd Year	80.00	\$27.19	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$45.96	\$59.56
3rd Year	90.00	\$30.59	\$8.45	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$49.36	\$64.66

Special Calculation Note : Other \$0.07 is for International Training Fund

Ratio :

1 Journeymen to 1 Apprentice
2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note)

ASHTABULA, CUYAHOGA, FULTON, GEAUGA,
HANCOCK, HENRY, LAKE, LUCAS, PUTNAM, WOOD

Special Jurisdictional Note : (A) Highway Construction, Sewer, Waterworks And Utility Construction, Industrial & Building Site, Heavy Construction, Airport Construction Or Railroad Construction Work.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Cement Mason Statewide HevHwy Exhibit B District I

Change # : OCN01-2021fbCementHevHwy

Craft : Cement Mason Effective Date : 05/01/2021 Last Posted : 04/23/2021

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Cement Mason	\$33.39	\$8.25	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$0.00	\$51.96	\$68.65
Apprentice	Percent										
1st Year	70.00	\$23.37	\$8.25	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$41.94	\$53.63
2nd Year	80.00	\$26.71	\$8.25	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$45.28	\$58.64
3rd Year	90.00	\$30.05	\$8.25	\$7.35	\$0.65	\$0.00	\$2.25	\$0.07	\$0.00	\$48.62	\$63.65

Special Calculation Note : Other \$0.07 is for International Training Fund

Ratio :

1 Journeymen to 1 Apprentice
2 to 1 thereafter

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, FULTON, GEAUGA, HANCOCK, HENRY, LAKE, LUCAS, PUTNAM, WOOD

Special Jurisdictional Note : (B) Power Plant, Tunnels, Amusement Park, Athletic Stadium Site Work ,Pollution Control,Sewer Plant, Waste Plant, & Water Treatment Facilities, Construction.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Inside

Change # : LCN01-2022sksLoc673in

Craft : Electrical Effective Date : 02/16/2022 Last Posted : 02/16/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrician	\$34.49		\$7.28	\$9.51	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$57.34	\$74.58
Welders	\$37.88		\$7.28	\$9.61	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$60.83	\$79.77
Apprentice	Percent											
1st Period	40.00	\$13.80	\$7.28	\$0.41	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.09	\$28.98
2nd Period	45.00	\$15.52	\$7.28	\$0.46	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.86	\$31.62
3rd Period	50.00	\$17.25	\$7.28	\$8.99	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$39.58	\$48.20
4th Period	60.00	\$20.69	\$7.28	\$9.10	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$43.13	\$53.48
5th Period	70.00	\$24.14	\$7.28	\$9.20	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$46.68	\$58.75
6th Period	85.00	\$29.32	\$7.28	\$9.35	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$52.01	\$66.66

Special Calculation Note : Pension calculation for journeymen shall be \$6.98 per hour paid plus 3% of gross. Pension calculation for Apprentices is equal to 3% for first two years. No deduction for Annuity or Pension at first an second period Apprentice

Ratio :

The first person assigned to a job site shall be a Journeyman Wireman. Each job site shall be allowed a ratio of 2 Apprentice for every 3 Journeymen Wireman or fraction thereof:
 1 to 3 Journeymen to 2 Apprentices
 4 to 6 Journeymen to 4 Apprentices
 7 to 9 Journeymen to 6 Apprentices

Jurisdiction (* denotes special jurisdictional note)

: ASHTABULA*, GEAUGA*, LAKE

Special Jurisdictional Note : The following townships In Ashtabula County are EXCLUDED: Orwell, Colebrook, Williamsfield, Wayne and Windsor.

In Geauga County the following townships are INCLUDED: Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury and Thompson.

Details :

High Pay: 45 feet above ground or floor shall be paid \$2.00 over Journeyman Scale. If required to climb on steel, potain crane, etc., that is High Time.

NOTE: If approved scaffolding with handrails, toe boards, netting, bucket trucks, JLG, decks with proper handrails are used No High Time Shall be paid.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Inside Lt Commercial Northern

Change # : LCN01-2022sksLoc673in

Craft : Electrical Effective Date : 02/23/2022 Last Posted : 02/23/2022

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrician	\$34.49		\$7.28	\$9.51	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$57.34	\$74.58
Welder	\$37.88		\$7.28	\$9.61	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$60.83	\$79.77
CE-3 12,001- 14,000 Hrs	\$26.88		\$6.47	\$0.80	\$0.87	\$0.00	\$0.80	\$0.10	\$0.00	\$0.00	\$35.92	\$49.36
CE-2 10,001- 12,000 Hrs	\$21.12		\$6.47	\$0.63	\$0.87	\$0.00	\$0.63	\$0.10	\$0.00	\$0.00	\$29.82	\$40.38
CE-1 8,001- 10,000 Hrs	\$19.20		\$6.47	\$0.57	\$0.87	\$0.00	\$0.57	\$0.10	\$0.00	\$0.00	\$27.78	\$37.38
CW-4 6,001- 8,000 Hrs	\$17.28		\$6.47	\$0.51	\$0.87	\$0.00	\$0.51	\$0.10	\$0.00	\$0.00	\$25.74	\$34.38
CW-3 4,001- 6,000 Hrs	\$15.36		\$6.47	\$0.46	\$0.87	\$0.00	\$0.46	\$0.10	\$0.00	\$0.00	\$23.72	\$31.40
CW-2 2,001- 4,000 Hrs	\$14.40		\$6.47	\$0.43	\$0.87	\$0.00	\$0.43	\$0.10	\$0.00	\$0.00	\$22.70	\$29.90
CW-1 0- 2,000 Hrs	\$13.44		\$6.47	\$0.40	\$0.87	\$0.00	\$0.40	\$0.10	\$0.00	\$0.00	\$21.68	\$28.40
Apprentice	Percent											
1st 6 months	40.00	\$13.80	\$7.28	\$0.41	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.09	\$28.98
2nd 6 months	45.00	\$15.52	\$7.28	\$0.46	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.86	\$31.62
2nd year	50.02	\$17.25	\$7.28	\$8.99	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$39.58	\$48.21
3rd year	60.00	\$20.69	\$7.28	\$9.10	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$43.13	\$53.48
4th year	70.00	\$24.14	\$7.28	\$9.20	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$46.68	\$58.75
5th year	85.00	\$29.32	\$7.28	\$9.35	\$0.60	\$0.00	\$5.46	\$0.00	\$0.00	\$0.00	\$52.01	\$66.66

Special Calculation Note : Other is Central Collection.

Ratio :

Each job site shall be allowed a ratio of
2 Apprentices for every 3
Journeymen Wireman or fraction thereof:
1 to 3 Journeymen to 2 Apprentices

Jurisdiction (* denotes special jurisdictional note)

: ASHTABULA*, GEAUGA*, LAKE

4 to 6 Journeymen to 4 Apprentices

7 to 9 Journeymen to 6 Apprentices

Construction Electrician and Construction Wireman Ratio

There shall be a minimum ratio of one inside Journeyman Wireman to every (4) employees of different classifications per jobsite. An Inside Journeyman Wireman is required on the project as the fifth (5th) worker or when apprentices are used

Special Jurisdictional Note : The following townships In Ashtabula County are EXCLUDED: Orwell, Colebrook, Williamsfield, Wayne and Windsor.

In Geauga County the following townships are INCLUDED: Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury and Thompson.

The scope of work for the light commercial agreement shall apply to the following small medical clinics, stand-alone doctor and dentist offices with up to 600 amp service (not attached to a hospital), gas stations/convenience stores, fast food restaurants and franchised chain restaurants including independent bars and taverns, places of worship, funeral homes, nursing homes, assisted living facilities and day-care facilities under 15,000 sq ft, small office, retail/wholesale facilities under 15,000 sq ft with less than 10 units attached, storage units, car washes, express hotels and motels (4 stories or less) without conference or restaurants facilities, residential units (subject to Davis Bacon Rates) small stand-alone manufacturing facilities when free standing and not part of a larger facility (less than 15,000 sq ft) solar projects (500 panels or less) unless other wise covered under this agreement, lighting retrofits (when not associated with remodels involving branch re-circuiting) Lighting retrofits shall be defined as the changing of lamps and ballasts in existing light fixtures and shall also include the one for one replacement of existing fixtures.

Details :

High Pay: 45 feet above ground or floor shall be paid \$2.00 over Journeyman Scale.

If required to climb on steel, potain crane, etc., that is High Time.

NOTE: If approved scaffolding with handrails, toe boards, netting, bucket trucks, JLG, decks with proper handrails are used No High Time Shall be paid.

Prevailing Wage Rate Skilled Crafts

Name of Union: **Electrical Local 673 Lightning Rod**

Change # : LCN01-2020fbLoc673

Craft : Electrical Effective Date : 07/30/2020 Last Posted : 07/30/2020

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Electrical Lightning Protection	\$30.44		\$7.50	\$0.91	\$0.00	\$2.84	\$1.83	\$0.00	\$0.00	\$0.00	\$43.52	\$58.74
Experience Level	Percent											
Lightning Protection Installer 1st day-6 months	50.00	\$15.22	\$7.50	\$0.46	\$0.00	\$0.41	\$0.92	\$0.00	\$0.00	\$0.00	\$24.51	\$32.12
Lightning Protection Installer 2nd 6 months	55.00	\$16.74	\$7.50	\$0.50	\$0.00	\$0.45	\$1.01	\$0.00	\$0.00	\$0.00	\$26.20	\$34.57
Lightning Protection Installer 3rd 6th months	60.00	\$18.26	\$7.50	\$0.55	\$0.00	\$0.89	\$1.10	\$0.00	\$0.00	\$0.00	\$28.30	\$37.44
Lightning Protection Installer 4th 6 months	65.00	\$19.79	\$7.50	\$0.59	\$0.00	\$0.97	\$1.19	\$0.00	\$0.00	\$0.00	\$30.04	\$39.93
Lightning Protection Installer 3rd Year	70.00	\$21.31	\$7.50	\$0.64	\$0.00	\$1.52	\$1.28	\$0.00	\$0.00	\$0.00	\$32.25	\$42.90
Lightning Protection Installer 4th Year	80.00	\$24.35	\$7.50	\$0.73	\$0.00	\$1.73	\$1.46	\$0.00	\$0.00	\$0.00	\$35.77	\$47.95
Lightning Protection Installer 5th Year	90.00	\$27.40	\$7.50	\$0.82	\$0.00	\$1.95	\$1.65	\$0.00	\$0.00	\$0.00	\$39.32	\$53.01

Special Calculation Note :

Ratio :

- 1- 3 Journeyman to 2 Apprentice
- 4-6 Journeyman to 4 Apprentice
- 7-9 Journeyman to 6 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 673 Voice Data Video

Change # : LCN01-2020fbLoc673VDV

Craft : Voice Data Video Effective Date : 06/25/2020 Last Posted : 06/25/2020

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Installer Technician	\$27.30		\$10.38	\$0.82	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$40.46	\$54.11
Communication Technician	\$28.55		\$10.38	\$0.86	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$41.75	\$56.03
Senior Technician	\$29.55		\$10.38	\$0.89	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$42.78	\$57.56
Security Tech Level I	\$27.30		\$10.38	\$0.82	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$40.46	\$54.11
Security Tech Level II	\$28.55		\$10.38	\$0.86	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$41.75	\$56.03
Security Tech Level III	\$29.55		\$10.38	\$0.89	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$42.78	\$57.56
Audio Visual Tech Level I	\$27.30		\$10.38	\$0.82	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$40.46	\$54.11
Audio Visual Tech Level II	\$28.55		\$10.38	\$0.86	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$41.75	\$56.03
Audio Visual Tech Level III	\$29.55		\$10.38	\$0.89	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$42.78	\$57.56
Apprentice	Percent											
1st 6 Months	55.00	\$15.02	\$10.38	\$0.45	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$27.81	\$35.31
2nd 6 Months	65.00	\$17.75	\$10.38	\$0.53	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$30.62	\$39.49
2nd yr	75.00	\$20.48	\$10.38	\$0.61	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$33.43	\$43.66
3rd yr	80.00	\$21.84	\$10.38	\$0.66	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$34.84	\$45.76
4th yr	85.00	\$23.20	\$10.38	\$0.70	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$36.25	\$47.85
5th yr	90.00	\$24.57	\$10.38	\$0.74	\$0.60	\$0.00	\$1.36	\$0.00	\$0.00	\$0.00	\$37.65	\$49.94

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA*, GEAUGA*, LAKE

1 to 3 Journeyman to 2 Apprentice
4 to 6 Journeyman to 4 Apprentice
7 to 9 Journeyman to 6 Apprentices

Special Jurisdictional Note : In Ashtabula County the following townships are excluded: (Orwell, Colebrook, Williamsfield, Wayne and Windsor). In Geauga County the following townships are included: (Burton, Chardon, Claridon, Hambden, Huntsburg, Montville, Munson, Newbury and Thompson)

Details :

The following work is EXCLUDED from the Teledata Technician work scope:

The installation of computer systems in industrial applications such as assembly lines, robotics, computer controller manufacturing systems.

The installation of conduit and/ or raceways shall be installed by Inside Wireman . On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway, or conduit not greater than 10 ft.

Fire Alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit

All HVAC control work.

*Installer Technician: Successful completion of the Installer/Technician Apprenticeship Program or have been certified by the IBEW/NECA Joint Apprenticeship and Training Program as an Installer/Technician.

*Communications Technician: At least 2 years experience as a Installer/Technician and a minimum of 12 hours continuous related education or have been certified by an IBEW/NECA Joint Apprenticeship Training Program as a Communication Technician.

Prevailing Wage Rate Skilled Crafts

**Name of Union: Electrical Local 71
DOT Traffic Signal Highway Lighting Cleveland**

Change # : LCN1-2021fbLoc71DOTClev

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Lineman	\$38.33		\$6.75	\$1.15	\$0.38	\$0.00	\$8.05	\$0.00	\$0.00	\$0.00	\$54.66	\$73.82
Traffic Signal & Lighting Journeyman	\$38.33		\$6.75	\$1.15	\$0.38	\$0.00	\$8.05	\$0.00	\$0.00	\$0.00	\$54.66	\$73.82
Equipment Operator	\$34.49		\$6.75	\$1.03	\$0.34	\$0.00	\$7.24	\$0.00	\$0.00	\$0.00	\$49.85	\$67.09
Groundman 0 to 1 Year	\$23.00		\$6.75	\$0.69	\$0.23	\$0.00	\$4.83	\$0.00	\$0.00	\$0.00	\$35.50	\$47.00
Groundman 1 Year or more	\$26.83		\$6.75	\$0.80	\$0.27	\$0.00	\$5.63	\$0.00	\$0.00	\$0.00	\$40.28	\$53.70
Traffic Apprentice	Percent											
1st 1,000 Hours	60.00	\$23.00	\$6.75	\$0.69	\$0.23	\$0.00	\$4.83	\$0.00	\$0.00	\$0.00	\$35.50	\$47.00
2nd 1,000 Hours	65.00	\$24.91	\$6.75	\$0.75	\$0.25	\$0.00	\$5.23	\$0.00	\$0.00	\$0.00	\$37.89	\$50.35
3rd 1,000 Hours	70.01	\$26.83	\$6.75	\$0.80	\$0.27	\$0.00	\$5.63	\$0.00	\$0.00	\$0.00	\$40.28	\$53.70
4th 1,000 Hours	75.00	\$28.75	\$6.75	\$0.86	\$0.29	\$0.00	\$6.04	\$0.00	\$0.00	\$0.00	\$42.69	\$57.06
5th 1,000 Hours	80.00	\$30.66	\$6.75	\$0.92	\$0.31	\$0.00	\$6.44	\$0.00	\$0.00	\$0.00	\$45.08	\$60.42
6th 1,000 Hours	90.00	\$34.50	\$6.75	\$1.04	\$0.35	\$0.00	\$7.25	\$0.00	\$0.00	\$0.00	\$49.89	\$67.14

Special Calculation Note :

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN

Special Jurisdictional Note :

Details :

A groundman when directed shall assist a Journeyman in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Cleveland Commercial Projects

Change # : LCN1-2021fbLoc71Clev

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Electrical Lineman	\$50.76		\$6.75	\$1.52	\$0.51	\$0.00	\$11.67	\$0.40	\$0.00	\$0.00	\$71.61	\$96.99
Cable Splicer	\$50.76		\$6.75	\$1.52	\$0.50	\$0.00	\$10.67	\$0.40	\$0.00	\$0.00	\$70.60	\$95.98
Equip. Operator	\$45.68		\$6.75	\$1.37	\$0.46	\$0.00	\$10.51	\$0.40	\$0.00	\$0.00	\$65.17	\$88.01
Groundman 0 to 12 months	\$30.46		\$6.75	\$0.91	\$0.30	\$0.00	\$7.01	\$0.40	\$0.00	\$0.00	\$45.83	\$61.06
Groundman 1 year plus	\$35.53		\$6.75	\$1.07	\$0.36	\$0.00	\$8.17	\$0.40	\$0.00	\$0.00	\$52.28	\$70.04
Apprentice Linemen	Percent											
1st 1000 Hrs	60.00	\$30.46	\$6.75	\$0.91	\$0.30	\$0.00	\$7.01	\$0.40	\$0.00	\$0.00	\$45.83	\$61.05
2nd 1000 Hrs	65.00	\$32.99	\$6.75	\$0.99	\$0.33	\$0.00	\$7.59	\$0.40	\$0.00	\$0.00	\$49.05	\$65.55
3rd 1000 Hrs	70.00	\$35.53	\$6.75	\$1.07	\$0.36	\$0.00	\$8.17	\$0.40	\$0.00	\$0.00	\$52.28	\$70.05
4th 1000 Hrs	75.00	\$38.07	\$6.75	\$1.14	\$0.38	\$0.00	\$8.76	\$0.40	\$0.00	\$0.00	\$55.50	\$74.54
5th 1000 Hrs	80.00	\$40.61	\$6.75	\$1.22	\$0.41	\$0.00	\$9.34	\$0.40	\$0.00	\$0.00	\$58.73	\$79.03
6th 1000 Hrs	85.00	\$43.15	\$6.75	\$1.29	\$0.43	\$0.00	\$9.92	\$0.40	\$0.00	\$0.00	\$61.94	\$83.51
7th 1000 Hrs	90.00	\$45.68	\$6.75	\$1.37	\$0.46	\$0.00	\$10.51	\$0.40	\$0.00	\$0.00	\$65.17	\$88.02

Special Calculation Note : Other is Health Reimbursement Account

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :**Details :**

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Cleveland Municipal Power & Transit

Change # : LCON1-2021fbLoc71Clev

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)		
Classification											
Electrical Lineman	\$47.73	\$6.75	\$1.43	\$0.48	\$0.00	\$10.50	\$0.40	\$0.00	\$0.00	\$67.29	\$91.16
Cable Splicer	\$47.73	\$6.75	\$1.43	\$0.48	\$0.00	\$10.50	\$0.40	\$0.00	\$0.00	\$67.29	\$91.16
Equip. Operator	\$42.96	\$6.75	\$1.29	\$0.43	\$0.00	\$9.45	\$0.40	\$0.00	\$0.00	\$61.28	\$82.76
Groundman 0 to 12 months	\$28.64	\$6.75	\$0.86	\$0.29	\$0.00	\$6.30	\$0.40	\$0.00	\$0.00	\$43.24	\$57.56
Groundman 1 Year or More	\$33.41	\$6.75	\$1.00	\$0.33	\$0.00	\$7.35	\$0.40	\$0.00	\$0.00	\$49.24	\$65.94
Apprentice Linemen	Percent										
1st 1000 Hrs	60.00	\$28.64	\$6.75	\$0.86	\$0.29	\$6.30	\$0.40	\$0.00	\$0.00	\$43.24	\$57.56
2nd 1000 Hrs	65.00	\$31.02	\$6.75	\$0.93	\$0.31	\$6.82	\$0.40	\$0.00	\$0.00	\$46.23	\$61.75
3rd 1000 Hrs	70.00	\$33.41	\$6.75	\$1.00	\$0.33	\$7.35	\$0.40	\$0.00	\$0.00	\$49.24	\$65.95
4th 1000 Hrs	75.00	\$35.80	\$6.75	\$1.07	\$0.36	\$7.88	\$0.40	\$0.00	\$0.00	\$52.26	\$70.16
5th 1000 Hrs	80.00	\$38.18	\$6.75	\$1.15	\$0.38	\$8.40	\$0.40	\$0.00	\$0.00	\$55.26	\$74.36
6th 1000 Hrs	85.00	\$40.57	\$6.75	\$1.22	\$0.41	\$8.93	\$0.40	\$0.00	\$0.00	\$58.28	\$78.57
7th 1000 Hrs	90.00	\$42.96	\$6.75	\$1.29	\$0.43	\$9.45	\$0.40	\$0.00	\$0.00	\$61.28	\$82.76

Special Calculation Note : Other is Health Reimbursement Account

Ratio :

1 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
LORAIN

Special Jurisdictional Note :

Details :

A groundman when directed shall assist a Journeymen in the performance of his/her work on the ground, including the use of hand tools. Under no circumstances shall this classification climb poles, towers, ladders, or work from an elevated platform or bucket truck. This classification shall not perform work normally assigned to an apprentice lineman. There shall be no more than one (1) Groundman for each two (2) Journeyman except when performing DOT Traffic Signal or Highway lighting work where the ratio can be two (2) Groundman for each Journeyman or Operator.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 High Tension Pipe Type Cable

Change # : LCN01-2021fbLoc7

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

Classification	BHR	Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
		H&W Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)			
Electrical Lineman	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54
Certified Lineman Welder	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54
Certified Cable Splicer	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54
Operator A	\$40.88	\$6.75	\$1.23	\$0.41	\$0.00	\$9.81	\$0.60	\$0.00	\$0.00	\$59.68	\$80.12
Operator B	\$36.20	\$6.75	\$1.09	\$0.36	\$0.00	\$8.69	\$0.60	\$0.00	\$0.00	\$53.69	\$71.79
Operator C	\$29.12	\$6.75	\$0.87	\$0.29	\$0.00	\$6.99	\$0.60	\$0.00	\$0.00	\$44.62	\$59.18
Groundman 0-12 months Exp	\$22.81	\$6.75	\$0.68	\$0.23	\$0.00	\$5.47	\$0.60	\$0.00	\$0.00	\$36.54	\$47.94
Groundman 0-12 months Exp w/CDL	\$25.09	\$6.75	\$0.75	\$0.25	\$0.00	\$6.02	\$0.60	\$0.00	\$0.00	\$39.46	\$52.01
Groundman 1 yr or more	\$25.09	\$6.75	\$0.75	\$0.25	\$0.00	\$6.02	\$0.60	\$0.00	\$0.00	\$39.46	\$52.01
Groundman 1 yr or more w/CDL	\$29.65	\$6.75	\$0.85	\$0.28	\$0.00	\$6.50	\$0.60	\$0.00	\$0.00	\$44.63	\$59.46
Equipment Mechanic A	\$36.20	\$6.75	\$1.09	\$0.36	\$0.00	\$8.69	\$0.60	\$0.00	\$0.00	\$53.69	\$71.79
Equipment Mechanic B	\$32.66	\$6.75	\$0.98	\$0.33	\$0.00	\$7.84	\$0.60	\$0.00	\$0.00	\$49.16	\$65.49
	\$29.12	\$6.75	\$0.87	\$0.29	\$0.00	\$6.99	\$0.60	\$0.00	\$0.00	\$44.62	\$59.18

Equipment Mechanic C												
X-Ray Technician	\$45.61	\$6.75	\$1.37	\$0.46	\$0.00	\$10.95	\$0.60	\$0.00	\$0.00	\$65.74	\$88.54	
Apprentice	Percent											
1st 1000 hrs	60.00	\$27.37	\$6.75	\$0.82	\$0.27	\$0.00	\$6.57	\$0.60	\$0.00	\$0.00	\$42.38	\$56.06
2nd 1000 hrs	65.00	\$29.65	\$6.75	\$0.89	\$0.30	\$0.00	\$7.12	\$0.60	\$0.00	\$0.00	\$45.31	\$60.13
3rd 1000 hrs	70.00	\$31.93	\$6.75	\$0.96	\$0.32	\$0.00	\$7.66	\$0.60	\$0.00	\$0.00	\$48.22	\$64.18
4th 1000 hrs	75.00	\$34.21	\$6.75	\$1.03	\$0.34	\$0.00	\$8.21	\$0.60	\$0.00	\$0.00	\$51.14	\$68.24
5th 1000 hrs	80.00	\$36.49	\$6.75	\$1.09	\$0.36	\$0.00	\$8.76	\$0.60	\$0.00	\$0.00	\$54.05	\$72.29
6th 1000 hrs	85.00	\$38.77	\$6.75	\$1.16	\$0.39	\$0.00	\$9.30	\$0.60	\$0.00	\$0.00	\$56.97	\$76.35
7th 1000 hrs	90.00	\$41.05	\$6.75	\$1.23	\$0.41	\$0.00	\$9.85	\$0.60	\$0.00	\$0.00	\$59.89	\$80.41

Special Calculation Note : Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

*All Operators of cranes 45 ton or larger shall be paid the journeyman rate of pay. \$0.30 is for Health Retirement Account.

Ratio :

1 Journeyman to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON,

JEFFERSON, KNOX, LAKE, LAWRENCE,
LICKING, LOGAN, LORAIN, MADISON,
MAHONING, MARION, MEDINA, MEIGS,
MERCER, MIAMI, MONROE,
MONTGOMERY, MORGAN, MORROW,
MUSKINGUM, NOBLE, PERRY, PICKAWAY,
PIKE, PORTAGE, PREBLE, RICHLAND, ROSS,
SCIOTO, SHELBY, STARK, SUMMIT,
TRUMBULL, TUSCARAWAS, UNION,
VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note :

Details :

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Outside Utility Power

Change # : LCN01-2021fbLoc7

Craft : Lineman Effective Date : 03/16/2021 Last Posted : 03/16/2021

Classification	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Electrical Lineman	\$43.22	\$6.75	\$1.30	\$0.43	\$0.00	\$10.37	\$0.60	\$0.00	\$0.00	\$62.67	\$84.28
Substation Technician	\$43.22	\$6.75	\$1.30	\$0.43	\$0.00	\$10.37	\$0.60	\$0.00	\$0.00	\$62.67	\$84.28
Cable Splicer	\$45.26	\$6.75	\$1.36	\$0.45	\$0.00	\$10.86	\$0.60	\$0.00	\$0.00	\$65.28	\$87.91
Operator A	\$38.75	\$6.75	\$1.16	\$0.39	\$0.00	\$9.30	\$0.60	\$0.00	\$0.00	\$56.95	\$76.32
Operator B	\$34.27	\$6.75	\$1.03	\$0.34	\$0.00	\$8.22	\$0.60	\$0.00	\$0.00	\$51.21	\$68.34
Operator C	\$27.54	\$6.75	\$0.83	\$0.28	\$0.00	\$6.61	\$0.60	\$0.00	\$0.00	\$42.61	\$56.38
Groundman 0-12 months Exp	\$21.61	\$6.75	\$0.65	\$0.22	\$0.00	\$5.19	\$0.60	\$0.00	\$0.00	\$35.02	\$45.82
Groundman 0-12 months Exp w/CDL	\$23.77	\$6.75	\$0.71	\$0.24	\$0.00	\$5.70	\$0.60	\$0.00	\$0.00	\$37.77	\$49.66
Groundman 1 yr or more	\$23.77	\$6.75	\$0.71	\$0.24	\$0.00	\$5.70	\$0.60	\$0.00	\$0.00	\$37.77	\$49.66
Groundman 1 yr or more w/CDL	\$28.09	\$6.75	\$0.84	\$0.28	\$0.00	\$6.74	\$0.60	\$0.00	\$0.00	\$43.30	\$57.35
Equipment Mechanic A	\$34.27	\$6.75	\$1.03	\$0.34	\$0.00	\$8.22	\$0.60	\$0.00	\$0.00	\$51.21	\$68.34
Equipment Mechanic B	\$30.91	\$6.75	\$0.93	\$0.31	\$0.00	\$7.42	\$0.60	\$0.00	\$0.00	\$46.92	\$62.38
Equipment Mechanic C	\$27.54	\$6.75	\$0.83	\$0.28	\$0.00	\$6.61	\$0.60	\$0.00	\$0.00	\$42.61	\$56.38
	\$30.44	\$6.75	\$0.91	\$0.30	\$0.00	\$7.31	\$0.60	\$0.00	\$0.00	\$46.31	\$61.53

Line Truck w/uuger												
Apprentice	Percent											
1st 1000 hrs	60.00	\$25.93	\$6.75	\$0.78	\$0.26	\$0.00	\$6.22	\$0.60	\$0.00	\$0.00	\$40.54	\$53.51
2nd 1000 hrs	65.00	\$28.09	\$6.75	\$0.84	\$0.28	\$0.00	\$6.74	\$0.60	\$0.00	\$0.00	\$43.30	\$57.35
3rd 1000 hrs	70.00	\$30.25	\$6.75	\$0.91	\$0.30	\$0.00	\$7.26	\$0.60	\$0.00	\$0.00	\$46.07	\$61.20
4th 1000 hrs	75.00	\$32.42	\$6.75	\$0.97	\$0.32	\$0.00	\$7.78	\$0.60	\$0.00	\$0.00	\$48.84	\$65.04
5th 1000 hrs	80.00	\$34.58	\$6.75	\$1.04	\$0.35	\$0.00	\$8.30	\$0.60	\$0.00	\$0.00	\$51.62	\$68.90
6th 1000 hrs	85.00	\$36.74	\$6.75	\$1.10	\$0.37	\$0.00	\$8.82	\$0.60	\$0.00	\$0.00	\$54.38	\$72.75
7th 1000 hrs	90.00	\$38.90	\$6.75	\$1.17	\$0.39	\$0.00	\$9.34	\$0.60	\$0.00	\$0.00	\$57.15	\$76.60

Special Calculation Note : Other is Health Retirement Account

Operator "A"

John Henry Rock Drill, D-6 (or equivalent) and above, Trackhoe Digger, (320 Track excavator), Cranes (greater then 25 tons and less than 45 tons).

Operator "B"

Cranes (greater than 6 tons and up to 25 tons), Backhoes, Road Tractor, Dozer up to D-5, Pressure Digger- wheeled or tracked, all Tension wire Stringing equipment.

Operator "C"

Trench, Backhoe, Riding type vibratory Compactor, Ground Rod Driver, Boom Truck (6 ton & below), Skid Steer Loaders, Material Handler.

Ratio :

(1) Journeyman Lineman to (1) Apprentice

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY, MORGAN, MORROW, MUSKINGUM, NOBLE, PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE, RICHLAND, ROSS, SCIOTO, SHELBY, STARK, SUMMIT,

TRUMBULL, TUSCARAWAS, UNION,
VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note : 0.30 is for Health Retirement Account.

Details :

Heli - Arc Welding will be paid \$.30 above Journeyman rate. Additional compensation of 10% over the Journeyman Lineman and Journeyman Technician for performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75' above the ground.

Prevailing Wage Rate Skilled Crafts

Name of Union: Electrical Local 71 Voice Data Video Outside

Change # : LCR01-2017fbLoc71VDV

Craft : Voice Data Video Effective Date : 10/18/2017 Last Posted : 10/18/2017

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Electrical Installer Technician I	\$23.46	\$5.50	\$0.70	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$29.96	\$41.69
Installer Technician II	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Equipment Operator I	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Equipment Operator II	\$18.43	\$5.50	\$0.55	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$24.78	\$33.99
Installer /Repair Outside	\$22.37	\$5.50	\$0.67	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$28.84	\$40.03
Ground Driver W/CDL	\$15.83	\$5.50	\$0.47	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$22.10	\$30.01
Groundman	\$13.24	\$5.50	\$0.40	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$19.44	\$26.06
Cable Splicer	\$23.46	\$5.50	\$0.70	\$0.00	\$0.00	\$0.30	\$0.00	\$0.00	\$0.00	\$29.96	\$41.69

Special Calculation Note :

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

ADAMS, ASHLAND, ASHTABULA, ATHENS, AUGLAIZE, BELMONT, BROWN, BUTLER, CARROLL, CHAMPAIGN, CLARK, CLERMONT, CLINTON, COLUMBIANA, COSHOCTON, CRAWFORD, CUYAHOGA, DARKE, DELAWARE, FAIRFIELD, FAYETTE, FRANKLIN, GALLIA, GEAUGA, GREENE, GUERNSEY, HAMILTON, HARRISON, HIGHLAND, HOCKING, HOLMES, JACKSON, JEFFERSON, KNOX, LAKE, LAWRENCE, LICKING, LOGAN, LORAIN, MADISON, MAHONING, MARION, MEDINA, MEIGS, MERCER, MIAMI, MONROE, MONTGOMERY,

MORGAN, MORROW, MUSKINGUM, NOBLE,
PERRY, PICKAWAY, PIKE, PORTAGE, PREBLE,
RICHLAND, ROSS, SCIOTO, SHELBY, STARK,
SUMMIT, TRUMBULL, TUSCARAWAS, UNION,
VINTON, WARREN, WASHINGTON, WAYNE

Special Jurisdictional Note :

Details :

Cable Splicer: Inspect and test lines or cables, analyze results, and evaluate transmission characteristics. Cover conductors with insulation or seal splices with moisture-proof covering. Install, splice, test, and repair cables using tools or mechanical equipment. This will include the splicing of fiber.

Journeyman Technician I: Must know all aspects of telephone and cable work. This is to include aerial, underground, and manhole work. Must know how to climb and run bucket. Must have all the tools required to perform these tasks. Must be able to be responsible for the safety of the crew at all times. Must also have CDL license and have at least 5 years experience.

Installer/Repairman: Perform tasks of repairing, installing, and testing phone and CATV services.

Technician II: Have at least three years of telephone and CATV experience. Must have the knowledge of underground, aerial, and manhole work. Must be able to climb and operate bucket. Must have CDL. Must have all tools needed to perform these tasks.

Equipment Operator I: Able to operate a digger derrick or bucket truck. Have at least 5 years of experience and must have a valid CDL license.

Equipment Operator II: Able to operate a digger derrick or bucket truck. Have at least 3 years of experience and must have a valid CDL license.

Groundman W/CDL: Must have a valid CDL license and be able to perform tasks such as: climbing poles, pulling downguys, making up material, and getting appropriate tools for the job. Must have at least 5 year's experience.

Groundman: Perform tasks such as: climbing poles, pulling downguys, making up material, and getting appropriate tools for the job. Experience 0-5 years.

Prevailing Wage Rate Skilled Crafts

Name of Union: Elevator Local 17

Change # : LCN01-2012jcLoc17

Craft : Elevator Effective Date : 05/30/2012 Last Posted : 05/30/2012

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Elevator Mechanic	\$44.04		\$11.02	\$6.96	\$0.55	\$2.64	\$5.00	\$1.43	\$0.00	\$0.00	\$71.64	\$93.66
Helper	\$30.83		\$11.02	\$6.96	\$0.55	\$1.85	\$5.00	\$0.99	\$0.00	\$0.00	\$57.20	\$72.61
Apprentice	Percent											
Apprentice												
0-6months Probation	50.00	\$22.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.02	\$33.03
1st year	55.00	\$24.22	\$11.02	\$6.96	\$0.55	\$1.42	\$5.00	\$0.78	\$0.00	\$0.00	\$49.95	\$62.06
2nd year	65.00	\$28.63	\$11.02	\$6.96	\$0.55	\$1.67	\$5.00	\$0.92	\$0.00	\$0.00	\$54.75	\$69.06
3rd year	70.00	\$30.83	\$11.02	\$6.96	\$0.55	\$1.80	\$5.00	\$0.99	\$0.00	\$0.00	\$57.15	\$72.56
4th year and Assistant Mechanic	80.00	\$35.23	\$11.02	\$6.96	\$0.55	\$2.06	\$5.00	\$1.14	\$0.00	\$0.00	\$61.96	\$79.58

Special Calculation Note : Vacation 6% for employees under 5 years based on regular hourly rate for all hours worked. 8% for employees over 5 years based on regular hourly rate for all hours worked. Other is Holiday Pay

Ratio :

1 Journeyman to 1 Apprentice.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Glazier Local 181

Change # : LCN01-2021sksLoc181

Craft : Glazier Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Glazier	\$32.32		\$7.92	\$11.58	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$52.22	\$68.38
Apprentice	Percent											
1st 6 months	50.00	\$16.16	\$7.92	\$1.02	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.50	\$33.58
2nd 6 months	50.00	\$16.16	\$7.92	\$1.02	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.50	\$33.58
3rd 6 months	50.00	\$16.16	\$7.92	\$5.19	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$29.67	\$37.75
4th 6 months	55.00	\$17.78	\$7.92	\$5.61	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$31.71	\$40.59
5th 6 months	60.00	\$19.39	\$7.92	\$6.02	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.73	\$43.43
6th 6 months	70.00	\$22.62	\$7.92	\$6.86	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$37.80	\$49.12
7th 6 months	80.00	\$25.86	\$7.92	\$7.69	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.87	\$54.79
8th 6 months	90.00	\$29.09	\$7.92	\$8.53	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.94	\$60.48

Special Calculation Note : No special calculations for this classification.

Ratio :

2 Journeymen to 1 Apprentice
3 Journeymen to 1 Apprentice Thereafter

Jurisdiction (* denotes special jurisdictional note)

ASHTABULA, CUYAHOGA, ERIE*, GEAUGA, HURON, LAKE, LORAIN, MEDINA*, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Start at the intersection of Route 305 and the eastern boundary line of Portage County. Follow Route 305 west onto Route 82, follow Route 82 west to the intersection of Routes 82,8 and 271, follow Route 271 south to Medina County line west to Route 94, follow Route 94 south to Route 303, follow Route 303 west to Route 252, follow Route 252 south to Route 18, follow Route 18 west to Route 301, follow 301 south to Route 162, follow Route 162 west to Route 58, follow Route 58 south to the Ashland County line, follow the Ashland County line. The eastern part of Route 4 north to Lake Erie is the jurisdiction of Local 181. Local 181 has the jurisdiction on all projects built on the property which borders on the above Routes and/or intersections, wherever a County line is the divider between Local 181 and another Union, the jurisdiction is only to the county line.

Details :

High Pay: All work is defined for the purpose of the agreement as being work which requires that the employee be supported by equipment that hangs from or suspends from the wall or roof of a building or structure. This work shall receive and additional \$1.50 per hour.

Prevailing Wage Rate Skilled Crafts

Name of Union: **Ironworker Local 17**

Change # : LCN01-2020fbLoc17

Craft : Ironworker Effective Date : 12/24/2020 Last Posted : 12/24/2020

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Ironworker	\$33.83		\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$59.04	\$75.95
Apprentice	Percent											
1st 6 Months	50.00	\$16.91	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$42.13	\$50.58
2nd 6 Months	55.00	\$18.61	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$43.82	\$53.12
2nd Year 1st 6 Months	70.00	\$23.68	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$48.89	\$60.73
2nd Year 2nd 6 Months	75.00	\$25.37	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$50.58	\$63.27
3rd Year 1st 6 Months	80.00	\$27.06	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$52.27	\$65.81
3rd Year 2nd 6 Months	85.00	\$28.76	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$53.97	\$68.34
4th Year 1st 6 Months	90.00	\$30.45	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$55.66	\$70.88
4th Year 2nd 6 Months	95.00	\$32.14	\$7.94	\$10.00	\$0.67	\$2.10	\$4.50	\$0.00	\$0.00	\$0.00	\$57.35	\$73.42

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

4 Journeymen to 1 Apprentice on Structural Work ASHTABULA, CUYAHOGA, ERIE, GEAUGA,
 3 Journeymen to 1 Apprentice on Rod Work HURON, LAKE, LORAIN, MEDINA,
 2 Journeymen to 1 Apprentice on Finishing, Steel PORTAGE, SUMMIT
 Sash, Stairway and Ornamental Work
 1 Apprentice for every Sheeting Gang

1 Journeymen to 2 Apprentice Roadway Signage
and Sound Barriers

2 Journeymen to 2 Apprentice Unloading and
Erection of Light Gauge Metal Trusses

Special Jurisdictional Note : West Boundary Line :Sandusky, Ohio: Boundary lines between Local 17 & Local 55 are as follows: Columbus Ave north to Sandusky Bay (and/or Lake Erie): Columbus Ave South to present Route 4: Route 4 South to present Route 99: from Route 99 south to old Route 224-all territory to the west of the boundary line to be the jurisdiction of Local 55.All territory to the East of the boundary line to be the jurisdiction of Local 17.Kelly's Island to be within jurisdiction of Local 17.All bridges,tunnels,viaducts,etc, relative to these boundary lines shall be the jurisdiction of Local 17

South Boundary Line:Canton, Ohio: Boundary lines between Local 17 & Local 550 are as follows: All territory north of old Route 224 line to be the jurisdiction of Local 17. All bridges,tunnels,viaducts,signs,etc, relative to old Route 224 line to be within the jurisdiction of Local 17. All territory south of old Route 224 line is to be within the jurisdiction of Local 550, except for everything within the city limits of Barberton which shall be the jurisdiction of Local 17.

Reading from West to East: Route old 224 line: Greenwich Ave-Wooster Road or East Ave. Route old 224 line: New 224 line including Cloverleaf: East Waterloo Road: New 224 line-Attwood Road-Old 224. This will be considered to be the old Route 224 line,except for the city limits of Barberton, Ohio which shall be the jurisdiction of Local 17

Southeast Boundary : Between local 17 and Local 207 are as follows: West of a line from Middlefield to Shalersville to Deerfield, shall be under the jurisdiction of local 17. East of a line from Middlefield, to Shalersville to Deerfield, shall be under the jurisdiction of Local 207. Local 17 & Local 207 have agreed that the Ohio County of Ashtabula shall be as follows: Everything North of Route 6, starting at the Geauga County line, proceeding east to State Route 45, shall be under the jurisdiction of Local 17. Everything South, starting at the Geauga County line shall be under local 207.

North Boundary: The East boundary line and the West boundary line continuing North halfway across Lake Erie.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Labor Local 310

Change # : LCN01-2021fbLabor310

Craft : Laborer Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate	
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)			
Classification												
Laborer Group 1	\$28.07	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.12	\$64.16	
Group 2	\$28.55	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.60	\$64.87	
Group 3	\$28.32	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.37	\$64.53	
Group 4	\$24.97	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$47.02	\$59.51	
Group 5	\$22.47	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$44.52	\$55.76	
Group 6	\$24.62	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$46.67	\$58.98	
Group 7	\$28.57	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.62	\$64.90	
Group 8	\$28.72	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.77	\$65.13	
Group 9	\$22.92	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$44.97	\$56.43	
Group 10	\$18.92	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$40.97	\$50.43	
Group 11	\$28.22	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.27	\$64.38	
Group 12	\$28.46	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.51	\$64.74	
Group 13	\$29.57	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$51.62	\$66.40	
Apprentice	Percent											
1-1000 hours	60.00	\$16.84	\$6.47	\$0.00	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$26.69	\$35.11
1001-2000 hours	70.00	\$19.65	\$6.47	\$6.10	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$35.60	\$45.42
2001-3000 hours	80.00	\$22.46	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$44.51	\$55.73
3001-4000 hours	90.00	\$25.26	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$47.31	\$59.94
4001 plus	100.00	\$28.07	\$6.47	\$12.20	\$0.10	\$0.00	\$2.75	\$0.35	\$0.18	\$0.00	\$50.12	\$64.16

Special Calculation Note : Other is Supplemental Unemployment Benefit (SUB) and Drug Testing.

Ratio :

3 Journeymen to 1 Apprentice

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, GEAUGA, LAKE

Special Jurisdictional Note :

Details :

Group 1 - Building and construction Laborers and Tenders; Asbestos Removal - hazardous materials; unloading of furniture and fixtures.

Group 2 - Guniting Operating (Machines of all type).

Group 3 - Laborers on swinging scaffolds; air track and wagon drill.

Group 4 - Drywall stocking and handling.

Group 5 - General Landscaping.

Group 6 - Final Clean-up (must perform clean-up duties for entire work shift, and excludes demolition work).

Group 7 - Blasters, Shooters, Caissons, Well Cylinder, Cofferdams, Mine Workers without air, acid brick tenders.

Group 8 - Top man on free standing radial stack; bellman and bottom man in blast furnace and stove.

Group 9 - Sewer jet.

Group 10 - Heat tender.

Group 11 - Firebrick.

Group 12 - Mason tender handling carbon block and bottom block for blast furnace stoves, stacks etc.

Group 13 - Lansing Burners.

Prevailing Wage Rate Skilled Crafts

Name of Union: **Laborer HevHwy 1A**

Change # : LCN01-2021fbHevHwy1A

Craft : Laborer Group 1 Effective Date : 05/01/2021 Last Posted : 04/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)		
Classification											
Laborer Group 1	\$34.93	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$46.88	\$64.34
Group 2	\$35.10	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$47.05	\$64.60
Group 3	\$35.43	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$47.38	\$65.09
Group 4	\$35.88	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$47.83	\$65.77
Watch Person	\$26.00	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.00	\$0.10	\$0.00	\$37.95	\$50.95
Apprentice	Percent										
0-1000 hrs	60.00	\$20.96	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.10	\$0.00	\$32.91	\$43.39
1001-2000 hrs	70.00	\$24.45	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.10	\$0.00	\$36.40	\$48.63
2001-3000 hrs	80.00	\$27.94	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.10	\$0.00	\$39.89	\$53.87
3001-4000 hrs	90.00	\$31.44	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.10	\$0.00	\$43.39	\$59.11
More than 4000 hrs	100.00	\$34.93	\$7.50	\$3.90	\$0.45	\$0.00	\$0.00	\$0.10	\$0.00	\$46.88	\$64.34

Special Calculation Note : Watchman have no Apprentices. Tunnel Laborer rate with air-pressurized add \$1.00 to the above wage rate.

Ratio :

- 1 Journeymen to 1 Apprentice
- 3 Journeymen to 1 Apprentice thereafter

Jurisdiction (* denotes special jurisdictional note) :

LAKE

Special Jurisdictional Note : Hod Carriers and Common Laborers - Heavy, Highway, Sewer, Waterworks, Utility, Airport, Railroad, Industrial and Building Site, Sewer Plant, Waste Water Treatment Facilities Construction

Details :

Group 1

Laborer (Construction); Plant Laborer or Yardman, Right-of-way Laborer, Landscape Laborer, Highway Lighting Worker, Signalization Worker, (Swimming) Pool Construction Laborer, Utility Man, *Bridge Man, Handyman, Joint Setter, Flagperson, Carpenter Helper, Waterproofing Laborer, Slurry Seal, Seal Coating,

Surface Treatment or Road Mix Laborer, Riprap Laborer & Grouter, Asphalt Laborer, Dump Man (batch trucks), Guardrail & Fence Installer, Mesh Handler & Placer, Concrete Curing Applicator, Scaffold Erector, Sign Installer, Hazardous Waste (level D), Diver Helper, Zone Person and Traffic Control.

*Bridge Man will perform work as per the October 31, 1949, memorandum on concrete forms, by and between the United Brotherhood of Carpenters and Joiners of America and the Laborers' International Union of North America, which states in; "the moving, cleaning, oiling and carrying to the next point of erection, and the stripping of forms which are not to be re-used, and forms on all flat arch work shall be done by members of the Laborers' International Union of North America."

Group 2

Asphalt Raker, Screwman or Paver, Concrete Puddler, Kettle Man (pipeline), All Machine-Driven Tools (Gas, Electric, Air), Mason Tender, Brick Paver, Mortar Mixer, Skid Steer, Sheeting & Shoring Person, Surface Grinder Person, Screedperson, Water Blast, Hand Held Wand, Power Buggy or Power Wheelbarrow, Paint Striper, Plastic fusing Machine Operator, Rodding Machine Operator, Pug Mill Operator, Operator of All Vacuum Devices Wet or Dry, Handling of all Pumps 4 inches and under (gas, air or electric), Diver, Form Setter, Bottom Person, Welder Helper (pipeline), Concrete Saw Person, Cutting with Burning Torch, Pipe Layer, Hand Spiker (railroad), Underground Person (working in sewer and waterline, cleaning, repairing and reconditioning). Tunnel Laborer (without air), Caisson, Cofferdam (below 25 feet deep), Air Track and Wagon Drill, Sandblaster Nozzle Person, Hazardous Waste (level B), ***Lead Abatement, Hazardous Waste (level C)

***Includes the erecting of structures for the removal, including the encapsulation and containment of Lead abatement process.

Group 3

Blast and Powder Person, Muckers will be defined as shovel men working directly with the miners, Wrencher (mechanical joints & utility pipeline), Yarnier, Top Lander, Hazardous Waste (level A), Concrete Specialist, Curb Setter and Cutter, Grade Checker, Concrete Crew in Tunnels. Utility pipeline Tappers, Waterline, Caulker, Signal Person will receive the rate equal to the rate paid the Laborer classification for which the Laborer is signaling.

Group 4

Miner, Welder, Guniting Nozzle Person

A.) The Watchperson shall be responsible to patrol and maintain a safe traffic zone including but not limited to barrels, cones, signs, arrow boards, message boards etc.

The responsibility of a watchperson is to see that the equipment, job and office trailer etc. are secure.

Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - Building Local 18 - Zone I (A)

Change # : LCN02-2021sksLoc18

Craft : Operating Engineer Effective Date : 08/13/2021 Last Posted : 08/13/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Group A	\$42.81		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$58.76	\$80.17
Group B	\$42.66		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$58.61	\$79.94
Group C	\$41.21		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$57.16	\$77.76
Group D	\$40.43		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$56.38	\$76.59
Group E	\$40.11		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$56.06	\$76.11
Group F	\$33.03		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$48.98	\$65.50
Master Mechanic	\$43.81		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$59.76	\$81.67
Crane 200'-299'	\$43.81		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$59.76	\$81.67
Crane 300' and over	\$44.31		\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$60.26	\$82.42
Apprentice	Percent											
1st Year	59.81	\$25.60	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$41.55	\$54.36
2nd Year	69.75	\$29.86	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$45.81	\$60.74
3rd Year	79.73	\$34.13	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$50.08	\$67.15
4th Year	89.68	\$38.39	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$54.34	\$73.54

Special Calculation Note : Other: Education & Safety and National Training Fund.

Ratio :

For every (3) Operating Engineer Journeymen employed by the company ,there may be employed (1) Registered Apprentice. An apprentice, while employed as part of a crew per Article VIII, paragraph77, will not be subject to the apprenticeship ratios in this collective bargaining agreement.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, HURON, LAKE, LORAIN, MEDINA

Special Jurisdictional Note :

Details :

Note: There will be a 5% increase for the apprentices on top of the percentages listed above provided they are operating mobile equipment. Operating Engineers employed on any piece of equipment requiring a Certified

Crane Operator (CCO) certification or employed on cranes involved in pile driving operations shall be paid a premium of one dollar (\$1.00) per hour in addition to the crane rate or any escalated rate that may be in effect.

Group A - A-Frames; " Boiler Operators, Compressor Operators, Hydraulic Pumps & Power Pacs when mounted on a crane or regardless of where said equipment is mounted (piggy-back operation)"; Boom Trucks (all types); Cableways; Cherry Pickers; Combination - Concrete Mixers & Towers; Concrete Pumps; Cranes (all types); Cranes- compact: Track or rubber over 4000lbs. capacity; Cranes- self erecting: stationary, track or truck (all configurations); Derricks (all types); Draglines; Dredges (dipper, clam or suction) 3-man crew; Elevating Graders or Euclid Loaders; Floating Equipment; Gradalls; Helicopter Operators, hoisting building materials; Helicopter Winch Operators, hoisting building materials; Hoes (All types); Hoists (two or more drums); Lift Slab or Panel Jack Operators; Locomotives (all types); Maintenance Engineers (Mechanic and/or Welder); Mixers, paving (multiple drum); Mobile Concrete Pumps with booms; Panelboards, (all types on site); Pile Drivers; Power Shovels; Robotics Equipment Operator/Mechanic; Rotary Drills (all), used on caissons work, wells (all types), Geothermal work and sub-structure work; Rough Terrain Forklifts with Winch/Hoist (when used as a crane); Side Booms; Slip Form Pavers; Straddle Carriers (Building Construction on site); Trench Machines (over 24" wide); Tug Boats; Tunnel Boring Machine (TBM).

Group B - Asphalt Pavers; Bulldozers; CMI type Equipment; End Loaders; Horizontal Directional Drill Locator; Horizontal Directional Drill Operator; Instrument Man; Kolman-type Loaders (Dirt Loading); Lead Greasemen; Mucking Machines; Power Graders; Power Scoops; Power Scrapers; Push Cats; Rotomills; Vermeer Type Concrete Saw.

Group C - Air Compressors, Pressurizing Shafts or Tunnels; Articulating/Straight bed end dumps if assigned by the employer (minus \$4.00 per hour from Group C); All Asphalt Rollers; Fork Lifts; Hoists (with one drum); House Elevators (except those automatic call button controlled); Hydro Excavator (all types C rate) (F rate if a second person is needed) Helper rate; Laser Screeds and like equipment; Man Lifts; Modular Moving and Placement machine (C Rate) (F Rate if second person is needed); Mud Jacks; Portable Hydraulic Gantry (lift system C rate) (F Rate if a second person is needed); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating Well Points or other types of Dewatering Systems); Pressure Grouting; Trenchers (24" and under); Utility Operators.

Group D – Brokks with a manufacture's weight of 3,500 lbs. and above; Compressors, on building construction; Conveyors, used for handling building materials; Generators; Guniting Machines; Mixers, more than one bag capacity; Mixers, one bag capacity (side loader); Pavement Breakers (hydraulic or cable); Post Drivers; Post Hole Diggers; Road Widening Trenchers; Rollers; Welder Operators.

Group E - Backfillers and Tampers; Batch Plants; Bar and Joint Installing Machines; Bull Floats; Burlap and Curing Machines; Cleaning Machine Operator (decontamination included); Clefplanes; Concrete Spreading Machines; Crushers; Deckhands; Drum Fireman (asphalt); Farm-type, Tractor, pulling attachments; Finishing Machines; Forklifts (masonry work only); Form Trenchers; High Pressure Pumps (over 1/2" discharge); Hydro Seeders; Pumps (4" and over discharge), provided it is not part of a de-watering system discharged into a common header; Self-Propelled Power Spreaders; Self-Propelled Sub Graders; Submersible Pump (4" and over discharge), provided it is not part of a dewatering system discharged into a common header; Tire Repairman; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors with integral power.

Group F - Apprentice/Helpers, Oiler, Signalmen; Barrier Moving Machines (additional duty, paid same rate); Bobcat-type and/or Skid Steer Loader; Bobcat-type and/or Skid Steer Loader with any and all attachments; Brokks with a manufacture's weight less than 3,500 lbs.; Cranes – compact, track or rubber under 4000 lbs. capacity; Geodimeter; Grade Checker; Grinders (all); Inboard/Outboard Motor Boat Launches; Light Plant Operators; Planers (all types); Power Boilers (less than 15 lbs. pressure); Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Rod Man; Rotomills; Saw (concrete Vermeer-type); Submersible Pumps (under 4 inch discharge); Vac Alls; Cutting, burning and fabricating on equipment and their attachments.

Master Mechanic - Master Mechanic

Crane 200'-299' - Boom & Jib 200' feet and over

Crane 300' and Over - Boom & Jib 300' and over

Prevailing Wage Rate Skilled Crafts

Name of Union: Operating Engineers - HevHwy Zone I

Change # : LCN01-2021sksLoc18hevhwyl

Craft : Operating Engineer Effective Date : 08/13/2021 Last Posted : 08/13/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)		
Classification											
Class A	\$40.63	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$56.58	\$76.90
Class B	\$40.53	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$56.48	\$76.75
Class C	\$39.49	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$55.44	\$75.18
Class D	\$38.27	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$54.22	\$73.35
Class E	\$32.98	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$48.93	\$65.42
Master Mechanic	\$40.88	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$0.00	\$56.83	\$77.27
Apprentice	Percent										
1st Year	50.00	\$20.32	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$36.27	\$46.42
2nd Year	60.00	\$24.38	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$40.33	\$52.52
3rd Year	70.00	\$28.44	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$44.39	\$58.61
4th Year	80.00	\$32.50	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$48.45	\$64.71
Field Mech Trainee			\$8.76	\$6.25	\$0.85			\$0.09			
1st year	50.00	\$20.32	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$36.27	\$46.42
2nd year	60.00	\$24.38	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$40.33	\$52.52
3rd year	70.00	\$28.44	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$44.39	\$58.61
4th year	80.00	\$32.50	\$8.76	\$6.25	\$0.85	\$0.00	\$0.00	\$0.09	\$0.00	\$48.45	\$64.71

Special Calculation Note : Other: Education & Safety Fund is \$0.09 per hour.

Ratio :

For every (3) Operating Engineer Journeymen employed by the company, there may be employed (1) Registered Apprentice or Trainee Engineer through the referral when they are available. An Apprentice, while employed as part of a crew per Article VIII, paragraph 69 will not be subject to the apprenticeship ratios in this collective bargaining agreement

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA, LAKE, LORAIN, MEDINA, PORTAGE, SUMMIT

Special Jurisdictional Note :

Details :

****Apprentices will receive a 10% increase on top of the percentages listed above provided they are operating mobile equipment. Mechanic Trainees will receive 10% if required to have a CDL.**

Class A - Air Compressors on Steel Erection; Asphalt Plant Engineers (Cleveland District Only); Barrier Moving Machine; Boiler Operators, Compressor Operators, or Generators, when mounted on a rig; Boom Trucks (all types); Cableways; Cherry Pickers; Combination- Concrete Mixers & Towers; Concrete Plants (over 4 yd capacity); Concrete Pumps; Cranes (all types); Compact Cranes track or rubber over 4,000 pounds capacity; Cranes self-erecting stationary, track or truck; Derricks (all types); Draglines; Dredges dipper, clam or suction; Elevating Graders or Euclid Loaders; Floating Equipment (all types); Gradalls; Helicopter Crew (Operator- hoist or winch); Hoes (all types); Hoisting Engines; Hoisting Engines, on shaft or tunnel work; Hydraulic Gantry (lifting system); Industrial-type Tractors; Jet Engine Dryer (D8 or D9) diesel Tractors; Locomotives (standard gauge); Maintenance Operators/Technicians (class A); Mixers, paving (single or double drum); Mucking Machines; Multiple Scrapers; Piledriving Machines (all types); Power Shovels, Prentice Loader; Quad 9 (double pusher); Rail Tamper (with automatic lifting and aligning device); Refrigerating Machines (freezer operation); Rotary Drills, on caisson work; Rough Terrain Fork Lift with winch/hoist; Side Booms; Slip Form Pavers; Survey Crew Party Chiefs; Tower Derricks; Tree Shredders; Trench Machines (over 24" wide); Truck Mounted Concrete Pumps; Tug Boats; Tunnel Machines and /or Mining Machines; Wheel Excavators.

Class B - Asphalt Pavers; Automatic Subgrade Machines, self-propelled (CMI-type); Bobcat-type and /or Skid Steer Loader with hoe attachment greater than 7000 lbs.; Boring Machine Operators (more than 48 inches); Bulldozers; Concrete Saws, Vermeer type; Endloaders; Horizontal Directional Drill (50,000 ft. lbs. thrust and over); Hydro Milling Machine; Kolman-type Loaders (production type-dirt); Lead Greasemen; Lighting and Traffic Signal Installation Equipment includes all groups or classifications; Maintenance Operators/Technicians, Class B; Material Transfer Equipment (shuttle buggy) Asphalt; Pettibone-Rail Equipment; Power Graders; Power Scrapers; Push Cats; Rotomills (all), Grinders and Planners of all types, Groovers (excluding walk-behinds); Trench Machines (24 inch wide and under).

Class C - A-Frames; Air Compressors, on tunnel work (low Pressure); Articulating/straight bed end dumps if assigned (minus \$4.00 per hour); Asphalt Plant Engineers (Portage and Summit Counties only); Bobcat-type and/or skid steer loader with or without attachments; Drones; Highway Drills (all types); Hydro Vac/Excavator (when a second person is needed, the rate of pay will be "Class E"); Locomotives (narrow gauge); Material Hoist/Elevators; Mixers, concrete (more than one bag capacity); Mixers, one bag capacity (side loader); Power Boilers (over 15 lbs. pressure); Pump Operators (installing or operating well Points); Pumps (4 inch and over discharge); Railroad Tie Inserter/Remover; Rollers, Asphalt; Rotovator (lime-soil Stabilizer); Switch & Tie Tampers (without lifting and aligning device); Utilities Operators, (small equipment); Welding Machines and Generators.

Class D – Backfillers and Tampers; Ballast Re-locator; Bar and Joint Installing Machines; Batch Plant Operators; Boring Machine Operators (48 inch or less); Bull Floats; Burlap and Curing Machines; Concrete Plants (capacity 4 yds. and under); Concrete Saws (multiple); Conveyors (highway); Crushers; Deckhands; Farm type tractors, with attachments (highway); Finishing Machines; Firemen, Floating Equipment (all types); Fork Lifts (highway), except masonry; Form Trenchers; Hydro Hammers; Hydro Seeders; Pavement Breakers (hydraulic or cable); Plant Mixers; Post Drivers; Post Hole Diggers; Power Brush Burners; Power Form Handling Equipment; Road Widening Trenchers; Rollers (brick, grade, macadam); Self-Propelled Power Spreaders; Self-Propelled Sub-Graders; Steam Firemen; Survey Instrument men; Tractors, pulling sheepsfoot rollers or graders; Vibratory Compactors, with integral power.

Class E - Compressors (portable, Sewer, Heavy and Highway); Cranes-Compact, track or rubber under 4,000 pound capacity; Drum Firemen (asphalt plant); Fueling and greasing (Primary Operator with Specialized CDL Endorsement Add \$3.00/hr); Generators; Inboard-Outboard Motor Boat Launches; Masonry Fork Lifts; Oil Heaters (asphalt plant); Oilers/Helpers; Power Driven Heaters (oil fired); Power Scrubbers; Power Sweepers; Pumps (under 4 inch discharge); Signalperson; Survey Rodmen or Chairmen; Tire Repairmen; VAC/ALLS.
Master Mechanic - Master Mechanic

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 505

Change # : LCN01-2021sksLoc505

Craft : Drywall Finisher Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification												
Painter Drywall Finisher	\$30.14		\$7.92	\$6.08	\$0.40	\$0.00	\$4.02	\$0.00	\$0.00	\$0.00	\$48.56	\$63.63
Apprentice												
Percent												
1st 6 months	55.00	\$16.58	\$7.42	\$1.84	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.24	\$34.53
2nd 6 months	55.00	\$16.58	\$7.42	\$1.94	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.34	\$34.63
3rd 6 months	55.00	\$16.58	\$7.42	\$2.39	\$0.40	\$0.00	\$2.21	\$0.00	\$0.00	\$0.00	\$29.00	\$37.29
4th 6 months	65.00	\$19.59	\$7.42	\$2.49	\$0.40	\$0.00	\$2.61	\$0.00	\$0.00	\$0.00	\$32.51	\$42.31
5th 6 months	75.03	\$22.61	\$7.42	\$2.94	\$0.40	\$0.00	\$3.02	\$0.00	\$0.00	\$0.00	\$36.39	\$47.70
6th 6 months	85.00	\$25.62	\$7.42	\$3.04	\$0.40	\$0.00	\$3.42	\$0.00	\$0.00	\$0.00	\$39.90	\$52.71

Special Calculation Note : No special calculation for this classification.

Ratio :

2 Journeyman to 1 Apprentice
3 Journeyman to 1 Apprentice after 9 total tapers

Jurisdiction (* denotes special jurisdictional note)

: ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 639 Zone 1 Sign

Change # : LCN01-2021fbLoc639

Craft : Painter Effective Date : 06/29/2021 Last Posted : 06/29/2021

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Painter Sign Erector Service/Patteren /Metal Fab/Neon Class A	\$24.35	\$7.16	\$5.57	\$0.25	\$0.71	\$0.00	\$1.00	\$0.00	\$0.00	\$39.04	\$51.22
Painter Sign Erector/Service /Patteren/Metal Fab/Neon Class B	\$24.35	\$7.16	\$5.57	\$0.25	\$1.42	\$0.00	\$1.00	\$0.00	\$0.00	\$39.75	\$51.93
Painter Sign Erector/Service /Patteren/Metal Fab/Neon Class C	\$24.35	\$7.16	\$5.57	\$0.25	\$2.13	\$0.00	\$1.00	\$0.00	\$0.00	\$40.46	\$52.64
Painter Sign Erector/Service /Patteren/Metal Fab/Neon Class D	\$24.35	\$7.16	\$5.57	\$0.25	\$2.84	\$0.00	\$1.00	\$0.00	\$0.00	\$41.17	\$53.35
Computer Operator, Router, Spray Painter/Wood Class A	\$22.83	\$7.16	\$5.57	\$0.25	\$0.68	\$0.00	\$0.96	\$0.00	\$0.00	\$37.45	\$48.87
Computer Operator, Router, Spray Painter/Wood Class B	\$22.83	\$7.16	\$5.57	\$0.25	\$1.36	\$0.00	\$0.96	\$0.00	\$0.00	\$38.13	\$49.55
Computer Operator, Router, Spray Painter/Wood Class C	\$22.83	\$7.16	\$5.57	\$0.25	\$2.04	\$0.00	\$0.96	\$0.00	\$0.00	\$38.81	\$50.23
Computer Operator, Router, Spray Painter/Wood Class D	\$22.83	\$7.16	\$5.57	\$0.25	\$2.72	\$0.00	\$0.96	\$0.00	\$0.00	\$39.49	\$50.91
Final Assembly,Helper Class A	\$18.33	\$7.16	\$5.57	\$0.25	\$0.60	\$0.00	\$0.84	\$0.00	\$0.00	\$32.75	\$41.92

Final Assembly,Helper Class B	\$18.33	\$7.16	\$5.57	\$0.25	\$1.20	\$0.00	\$0.84	\$0.00	\$0.00	\$33.35	\$42.52	
Final Assembly,Helper Class C	\$18.33	\$7.16	\$5.57	\$0.25	\$1.80	\$0.00	\$0.84	\$0.00	\$0.00	\$33.95	\$43.12	
Final Assembly,Helper Class D	\$18.33	\$7.16	\$5.57	\$0.25	\$2.40	\$0.00	\$0.84	\$0.00	\$0.00	\$34.55	\$43.72	
Apprentice	Percent											
1-2000 hrs	50.00	\$12.18	\$7.16	\$5.57	\$0.25	\$0.00	\$0.00	\$0.67	\$0.00	\$0.00	\$25.83	\$31.91
2001-3000 hrs	55.00	\$13.39	\$7.16	\$5.57	\$0.25	\$0.50	\$0.00	\$0.70	\$0.00	\$0.00	\$27.57	\$34.27
3001-4000 hrs	60.00	\$14.61	\$7.16	\$5.57	\$0.25	\$0.53	\$0.00	\$0.74	\$0.00	\$0.00	\$28.86	\$36.17
4001-5000 hrs	65.00	\$15.83	\$7.16	\$5.57	\$0.25	\$0.55	\$0.00	\$0.77	\$0.00	\$0.00	\$30.13	\$38.04
5001-6000 hrs	70.00	\$17.04	\$7.16	\$5.57	\$0.25	\$1.15	\$0.00	\$0.80	\$0.00	\$0.00	\$31.97	\$40.50
6001-7000 hrs	85.00	\$20.70	\$7.16	\$5.57	\$0.25	\$1.29	\$0.00	\$0.90	\$0.00	\$0.00	\$35.87	\$46.22
7001-8000 hrs	90.00	\$21.92	\$7.16	\$5.57	\$0.25	\$1.33	\$0.00	\$0.93	\$0.00	\$0.00	\$37.16	\$48.11

Special Calculation Note : Other is for paid holidays. Apprentice Pay Rate should be based on proper Classification.

Ratio : **Jurisdiction (* denotes special jurisdictional note):**
 ASHLAND, ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA, PORTAGE, RICHLAND, SUMMIT

Special Jurisdictional Note :

Details :

Class A Worker: More than 1 year but less that 2 years.

Class B Worker: More than 2 years but less than 10 years.

Class C Worker: More than 10 years but less that 20 years.

Class D Worker: More than 20 years

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 707

Change # : LCN01-2021sksLoc707

Craft : Painter Effective Date : 12/31/2021 Last Posted : 12/22/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Painter Brush Roll	\$28.11		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$46.66	\$60.71
Paperhanger	\$28.11		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$46.66	\$60.71
Sandblasting & Buffing	\$28.51		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$47.06	\$61.32
Spray Painting	\$28.81		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$47.36	\$61.76
REPAINT Brush Roll & Paperhanger	\$26.61		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.16	\$58.46
REPAINT Sandblasting & Buffing	\$27.01		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.56	\$59.07
REPAINT Spray Painting	\$27.31		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.86	\$59.51
Apprentice - Painter	Percent											
1st 6 months	45.00	\$12.65	\$7.92	\$1.59	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22.56	\$28.88
2nd 6 months	50.00	\$14.06	\$7.92	\$1.64	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.01	\$31.04
3rd 6 months	55.00	\$15.46	\$7.92	\$2.13	\$0.40	\$0.00	\$2.28	\$0.00	\$0.00	\$0.00	\$28.19	\$35.92
4th 6 months	60.00	\$16.87	\$7.92	\$2.17	\$0.40	\$0.00	\$2.49	\$0.00	\$0.00	\$0.00	\$29.85	\$38.28
5th 6 months	65.00	\$18.27	\$7.92	\$2.52	\$0.40	\$0.00	\$2.70	\$0.00	\$0.00	\$0.00	\$31.81	\$40.95
6th 6 months	70.00	\$19.68	\$7.92	\$2.56	\$0.40	\$0.00	\$2.91	\$0.00	\$0.00	\$0.00	\$33.47	\$43.31
7th 6 months	75.00	\$21.08	\$7.92	\$3.45	\$0.40	\$0.00	\$3.11	\$0.00	\$0.00	\$0.00	\$35.96	\$46.50
8th 6 months	80.00	\$22.49	\$7.92	\$3.45	\$0.40	\$0.00	\$3.32	\$0.00	\$0.00	\$0.00	\$37.58	\$48.82

Special Calculation Note : Apprentice pay based on percentage of above appropriate classification.

Ratio :
1 Apprentice to 1 Journeyman

Jurisdiction (* denotes special jurisdictional note) :
ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN, PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Application of Catalytic materials under class 3 hazardous per MSDS - .65 per hour above the Job Classification basic hourly

rate.
Application of Catalytic materials under class 4 hazardous per MSDS - 1.00 per hour above the Job Classification basic hourly rate.

Prevailing Wage Rate Skilled Crafts

Name of Union: Painter Local 707 HvyHwy

Change # : LCN01-2021sksLoc707Ind

Craft : Painter Effective Date : 12/31/2021 Last Posted : 12/22/2021

Classification	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Painter Bridge Class 1 Bridge Blaster	\$34.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$52.92	\$70.10
Class 2 Bridge Painter, Rigger/Containment Builder, Spot Blaster	\$31.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$49.92	\$65.60
Class 3 Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (0-5 Years Exp.)	\$24.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$42.92	\$55.10
Class 3 Equipment Operator/Field Mechanic, Grit Reclamation, Paint Mixer, Traffic Control Boat Person, Driver (5 Plus Years Exp.)	\$27.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.92	\$59.60
Class 4 Concrete Sealing, Concrete Blasting/Power Washing/Etc	\$23.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$41.92	\$53.60
Class 5 Quality Control, Quality Assurance, Traffic Safety, Competent Person	\$27.37		\$7.92	\$6.08	\$0.40	\$0.00	\$4.15	\$0.00	\$0.00	\$0.00	\$45.92	\$59.60
Apprentice - Painter	Percent											
1st 6 months	45.00	\$15.47	\$7.92	\$1.59	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25.38	\$33.11
2nd 6 months	50.02	\$17.19	\$7.92	\$1.64	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$27.15	\$35.75
3rd 6 months	55.00	\$18.90	\$7.92	\$2.13	\$0.40	\$0.00	\$2.28	\$0.00	\$0.00	\$0.00	\$31.63	\$41.09
4th 6 months	60.00	\$20.62	\$7.92	\$2.17	\$0.40	\$0.00	\$2.49	\$0.00	\$0.00	\$0.00	\$33.60	\$43.91
5th 6 months	65.00	\$22.34	\$7.92	\$2.52	\$0.40	\$0.00	\$2.70	\$0.00	\$0.00	\$0.00	\$35.88	\$47.05
6th 6 months	70.00	\$24.06	\$7.92	\$2.56	\$0.40	\$0.00	\$2.91	\$0.00	\$0.00	\$0.00	\$37.85	\$49.88
7th 6 months	75.00	\$25.78	\$7.92	\$3.45	\$0.40	\$0.00	\$3.11	\$0.00	\$0.00	\$0.00	\$40.66	\$53.55
8th 6 months	80.00	\$27.50	\$7.92	\$3.45	\$0.40	\$0.00	\$3.32	\$0.00	\$0.00	\$0.00	\$42.59	\$56.33

Special Calculation Note : Apprentice pay based on percentage of above appropriate classification.

Ratio :

Jurisdiction (* denotes special jurisdictional note) :

1 Apprentice to 1 Journeyman

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN,
PORTAGE*, SUMMIT*

Special Jurisdictional Note : Portage & Summit North of the East-West Turnpike.

Details :

Painter Bridge Class 2 is Defined as; Bridge Painter, Rigger, Containment Builder

Application of Catalytic materials under class 3 hazardous per MSDS - .65 per hour above the Job Classification basic hourly rate.

Application of Catalytic materials under class 4 hazardous per MSDS - 1.00 per hour above the Job Classification basic hourly rate.

* Concrete Sealing: on highway work, scaling of concrete surfaces, the treating and sealing of bridge decks, the painting and staining of concrete, including the abutments, barricades, noise barriers, lane dividers, etc.

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120

Change # : LCNO1-2021fbLoc120

Craft : Sprinkler Fitter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Sprinkler Fitter	\$41.72		\$12.10	\$10.70	\$1.10	\$0.00	\$3.20	\$0.30	\$0.00	\$0.00	\$69.12	\$89.98
Apprentice	Percent											
1st year	49.13	\$20.50	\$5.35	\$0.00	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.95	\$37.20
2nd year	49.98	\$20.85	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$40.55	\$50.98
3rd year	58.13	\$24.25	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$43.95	\$56.08
4th year	69.53	\$29.01	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$48.71	\$63.21
5th year	77.71	\$32.42	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$52.12	\$68.33

Special Calculation Note : OTHER IS : SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

- 1 Journeymen to 1 Apprentice per project
- 2 - 4 Journeymen to 2 Apprentices
- 5 - 7 Journeymen to 3 Apprentices

- 3 Journeymen to 1 Apprentice on jobs with 9 or more journeymen

Jurisdiction (* denotes special jurisdictional note) :

CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

Sprinklerfitter duties shall include: installation, dismantling, maintenance, repairs, adjustments and corrections of all fire protection and extinguishing systems; consist of handling and installing of all piping and appurtenances pertaining to sprinkler equipment including both overhead and underground water mains, fire hydrants and hydrants mains, stand pipes, hose connections, tank heaters, air lines, thermal systems and their connections; all operating and actuating lines and devices and their protective covering; all fire stopping of sprinkler piping systems; all tanks, pumps and city connections; fire protection systems using emulsify, spray, water fog, CO2 gas, foam and other fire control agents, settling of all fire pumps and tank filling pumps, air compressors and their connections; all work related to sprinkler inspections (included but not limited to: adjustments, maintenance, repair, testing, etc.)

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120

Change # : LCN01-2021fbLoc120

Craft : Pipefitter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Pipefitter	\$41.72		\$12.10	\$10.70	\$1.10	\$0.00	\$3.20	\$0.30	\$0.00	\$0.00	\$69.12	\$89.98
Apprentice	Percent											
1st year	49.14	\$20.50	\$5.35	\$0.00	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.95	\$37.20
2nd year	49.98	\$20.85	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$40.55	\$50.98
3rd year	58.13	\$24.25	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$43.95	\$56.08
4th year	69.53	\$29.01	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$48.71	\$63.21
5th year	77.71	\$32.42	\$11.40	\$6.10	\$1.10	\$0.00	\$0.80	\$0.30	\$0.00	\$0.00	\$52.12	\$68.33

Special Calculation Note : OTHER IS : SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

- 1 Journeymen to 1 Apprentice per project
- 2-4 Journeymen to 2 Apprentices per project
- 5-7 Journeymen to 3 Apprentices per project

3 to 1 on jobs with 9 or more journeymen

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of State Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

Details :

Under pipefitter duties shall include - steam and hot water heating boilers and related controls such as automatic feedwater and low water cut-offs, safety relief valves and gas trains; steam regulators, traps, steam valves, steam heaters, steam and hot water heating coils; feedwater lines to boilers, condensate pumps, condensate tanks and related piping to boilers, expansion tanks and controls on hot water heating systems; refrigeration and air conditioning systems that are separate from one another and are connected through piping; install, calibrate and maintain pneumatic temperature controls and piping for heating and cooling devices; piping, pumps and controls on the fluent water system in water treatment plants; hose cabinets and automatic fire sprinkler systems; underground water supply piping and devices; all fire stopping of piping systems; to operate a pipe cutting machine, to thread pipe by machine or hand dies; to do oxyacetylene and electric welding on iron and steel pipes when required; to perform other tasks when assigned.

Prevailing Wage Rate Skilled Crafts

Name of Union: Pipefitter Local 120 Mechanical Equipment

Change # : LCN01-2021fbLoc120

Craft : Pipefitter Effective Date : 05/21/2021 Last Posted : 05/21/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Pipefitter Mechanical Equipment Service A-2	\$31.52		\$12.10	\$10.70	\$1.10	\$0.00	\$3.20	\$0.30	\$0.00	\$0.00	\$58.92	\$74.68
Pipefitter Mechanical Equipment Service A-1	\$28.12		\$12.10	\$10.70	\$1.10	\$0.00	\$3.20	\$0.30	\$0.00	\$0.00	\$55.52	\$69.58
Intermediate Journeymen												
Serviceman 1	\$21.52		\$11.20	\$3.80	\$1.10	\$0.00	\$1.55	\$0.30	\$0.00	\$0.00	\$39.47	\$50.23
Serviceman 2	\$24.15		\$11.20	\$3.80	\$1.10	\$0.00	\$1.55	\$0.30	\$0.00	\$0.00	\$42.10	\$54.17
Serviceman 3	\$27.11		\$11.20	\$3.80	\$1.10	\$0.00	\$1.55	\$0.30	\$0.00	\$0.00	\$45.06	\$58.61
Serviceman 4	\$30.32		\$11.20	\$3.80	\$1.10	\$0.00	\$1.55	\$0.30	\$0.00	\$0.00	\$48.27	\$63.43
MES Trainees	Percent											
1st year	57.46	\$18.11	\$5.70	\$0.00	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24.91	\$33.97
2nd year	60.95	\$19.21	\$5.70	\$3.80	\$1.10	\$0.00	\$1.60	\$0.30	\$0.00	\$0.00	\$31.71	\$41.32
3rd year	67.42	\$21.25	\$5.70	\$3.80	\$1.10	\$0.00	\$1.60	\$0.30	\$0.00	\$0.00	\$33.75	\$44.38
4th year	78.20	\$24.65	\$5.70	\$3.80	\$1.10	\$0.00	\$1.60	\$0.30	\$0.00	\$0.00	\$37.15	\$49.47
5th year	84.68	\$26.69	\$5.70	\$3.80	\$1.10	\$0.00	\$1.60	\$0.30	\$0.00	\$0.00	\$39.19	\$52.54

Special Calculation Note : OTHER IS :SUPPLEMENTAL UNEMPLOYMENT BENEFITS

Ratio :

3 Journeymen to 1 Apprentice
 2 Intermediate Servicemen to 1 Serviceman
 Trainee per shop

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and including work within the corporate limits of the City of Medina.

Details :

Work scope but not limited to: Mechanical Service and Maintenance work normally performed by contractors, either by contracts or emergency call basis, who are equipped to handle all work relating to evacuation, charging, start-up, inspection, operating, maintenance and service call necessary to keep mechanical system and controls of a refrigeration , air conditioning, heating and/or ventilation or any other newly installed, remodeled, revamped or redesigned mechanical system in operational order; all fire stopping and piping systems. Shall include but not limited to all maintaining, cleaning, adjusting, repairing, overhauling, starting and balancing of any system or component part thereof, regardless of size or location, including all other service and maintenance work assigned to the employer by the customer. Shall also be allowed to do the following installation work: All residential humidifiers and dehumidifiers, all window type units, all residential heating and cooling systems, excluding steam and hot water, and when a building is not new construction, all refrigeration systems up to 20 tons, split air conditioning systems up to 50 tons, and package or self-contained air conditioning units up to 50 tons.

Prevailing Wage Rate Skilled Crafts

Name of Union: **Plasterer Local 526**

Change # : LCR01-2021fbLoc80

Craft : Plaster Effective Date : 05/01/2021 Last Posted : 04/28/2021

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Plasterer	\$30.00	\$7.75	\$6.45	\$0.50	\$0.00	\$5.58	\$0.18	\$0.00	\$0.00	\$50.46	\$65.46

Special Calculation Note : Other is for Substance abuse and training.

Ratio :

- 1 Journeymen to 1 Apprentice
- 3 Journeymen to 1 Apprentice.

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEAUGA, LAKE, LORAIN

Special Jurisdictional Note :

Details :

Prevailing Wage Rate Skilled Crafts

Name of Union: **Plumber Local 55**

Change # : LCR01-2021fbLoc55Plum

Craft : Plumber Effective Date : 06/09/2021 Last Posted : 06/09/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Plumber	\$38.47		\$10.10	\$12.63	\$1.23	\$0.00	\$4.10	\$0.01	\$0.00	\$0.00	\$66.54	\$85.77
Yard Piping	\$24.36		\$6.94	\$2.91	\$0.69	\$0.00	\$1.59	\$0.30	\$0.00	\$0.00	\$36.79	\$48.97
Shopman (When in the field)	\$21.16		\$7.63	\$7.30	\$0.10	\$0.00	\$2.14	\$0.00	\$0.00	\$0.00	\$38.33	\$48.91
Shopman (when in the field) After 5/1/10	\$14.52		\$6.59	\$1.80	\$0.10	\$0.00	\$1.20	\$0.00	\$0.00	\$0.00	\$24.21	\$31.47
Plumber Light Commercial Journeymen	\$25.99		\$7.24	\$4.08	\$0.69	\$0.00	\$1.78	\$0.01	\$0.00	\$0.00	\$39.79	\$52.78
Apprentice Light Commercial Trainee												
0-3 Months	\$12.94		\$0.00	\$0.00	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.44	\$19.91
4-6 Months	\$13.74		\$2.61	\$0.00	\$0.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16.81	\$23.68
7-12 Months	\$13.85		\$3.22	\$1.20	\$0.63	\$0.00	\$0.26	\$0.00	\$0.00	\$0.00	\$19.16	\$26.08
2dn Year	\$15.06		\$3.25	\$1.28	\$0.65	\$0.00	\$0.27	\$0.00	\$0.00	\$0.00	\$20.51	\$28.04
3rd Year	\$16.27		\$3.26	\$1.35	\$0.68	\$0.00	\$0.29	\$0.00	\$0.00	\$0.00	\$21.85	\$29.98
Apprentice Initiated AFTER 5/1/10	Percent											
1-6 Months	45.60	\$17.54	\$5.93	\$1.44	\$0.95	\$0.00	\$0.36	\$0.00	\$0.00	\$0.00	\$26.22	\$34.99
7-12 Months	52.22	\$20.09	\$6.03	\$1.79	\$1.00	\$0.00	\$0.66	\$0.01	\$0.00	\$0.00	\$29.58	\$39.62
2nd year 1-6	55.39	\$21.31	\$6.67	\$2.35	\$1.05	\$0.00	\$1.56	\$0.01	\$0.00	\$0.00	\$32.95	\$43.60
2nd year 7-12	56.87	\$21.88	\$6.73	\$4.50	\$1.05	\$0.00	\$2.13	\$0.01	\$0.00	\$0.00	\$36.30	\$47.24
3rd year 1-6	64.10	\$24.66	\$7.14	\$4.60	\$1.05	\$0.00	\$2.20	\$0.01	\$0.00	\$0.00	\$39.66	\$51.99
3rd year 7-12	68.77	\$26.46	\$7.26	\$5.58	\$1.05	\$0.00	\$2.67	\$0.01	\$0.00	\$0.00	\$43.03	\$56.25
4th year	75.10	\$28.89	\$7.39	\$6.17	\$1.05	\$0.00	\$2.88	\$0.01	\$0.00	\$0.00	\$46.39	\$60.84
5th year	81.50	\$31.35	\$7.51	\$6.76	\$1.05	\$0.00	\$3.08	\$0.01	\$0.00	\$0.00	\$49.76	\$65.44

Special Calculation Note : OTHER IS: SUPPLEMENTAL UNEMPLOYMENT

1 Journeymen 1 Apprentice

Light Commercial Ratio

1-2 Journeymen to 1 Trainee

3 Journeymen to 2 Trainees

4-5 Journeymen to 3 Trainees

6-8 Journeymen to 4 Trainees

9-10 Journeymen to 5 Trainees

11-13 Journeymen to 6 Trainees

ASHTABULA, CUYAHOGA, GEAUGA, LAKE,
MEDINA*, SUMMIT*

Special Jurisdictional Note : Summit County - North of State Route 303 including work within the corporate limits of the City of Hudson, that portion of Medina County North of Route 18 and Smith Road and the corporate limits of the City of Medina.

Details :

The Plumber Shopman will have charge of the Employer's shop and warehouse containing plumbing and heating supplies and equipment, and perform such duties as are customarily required by a Plumber or a Plumber's Shopman, including casual delivery of tools and equipment necessary for installation of Plumbing and Heating facilities.

Prevailing Wage Rate Skilled Crafts

Name of Union: **Roofer Local 44**

Change # : LCN01-2021fbLoc44

Craft : Roofer Effective Date : 05/21/2021 Last Posted : 05/21/2021

Classification	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET		
									(*)	(*)	
Roofer	\$35.35	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$55.49	\$73.17
Waterproofer	\$35.80	\$9.10	\$9.35	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$54.59	\$72.49
Applicant & Helper Trainees											
0 to 1851 hrs	\$13.75	\$0.50	\$0.50	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$15.09	\$21.96
1852 to 3350 hrs	\$19.44	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$39.58	\$49.30
3351 to 4850 hrs	\$24.75	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$44.89	\$57.27
4851 to 6350 hrs	\$28.28	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$48.42	\$62.56
6351 to 7550 hrs	\$31.82	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$51.96	\$67.87
7551 hrs	\$35.35	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$55.49	\$73.17
Apprentice	Percent										
Start of school	38.90	\$13.75	\$0.50	\$0.50	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$15.09	\$21.97
600 hrs worked/72 school hrs	45.00	\$15.91	\$0.50	\$0.50	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$17.25	\$25.20
1200 hrs worked/144 school hrs	50.00	\$17.67	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$37.82	\$46.65
1800 hrs worked/216 school hrs	55.00	\$19.44	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$39.58	\$49.30
2400 hrs worked/ 288 school hrs	60.00	\$21.21	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$41.35	\$51.96
3000 hrs worked/360 school hrs	70.00	\$24.75	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$44.89	\$57.26
	80.00	\$28.28	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$48.42	\$62.56

3600 hrs worked/432 school hrs												
4200 hrs worked/504 school hrs	90.00	\$31.82	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$51.96	\$67.86
4800 hrs/576 school hrs	100.00	\$35.35	\$9.25	\$10.55	\$0.28	\$0.00	\$0.00	\$0.06	\$0.00	\$0.00	\$55.49	\$73.17

Special Calculation Note : Other is for Drug Testing.

Ratio :

2 Journeymen to 1 Apprentice
 1 Applicant/Helper Trainee

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, ERIE, GEAUGA,
 LAKE, LORAIN*, SANDUSKY

Special Jurisdictional Note : Lorain (The Ohio Turnpike North)

Details :

\$0.04 for "Other" is for Drug Testing

Prevailing Wage Rate Skilled Crafts

Name of Union: Sheet Metal Local 33 (Cleveland)

Change # : LCN04-2021fbLoc33Clev

Craft : Sheet Metal Worker Effective Date : 08/01/2021 Last Posted : 07/28/2021

	BHR		Fringe Benefit Payments					Irrevocable Fund		Total PWR	Overtime Rate	
			H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)			MISC (*)
Classification												
Sheet Metal Worker	\$39.73		\$8.39	\$15.26	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$67.63	\$87.50
Industrial Door	\$23.36		\$8.27	\$5.44	\$0.17	\$0.00	\$2.15	\$0.00	\$0.00	\$0.00	\$39.39	\$51.07
Apprentice Helpers Trainee												
1st 60 Days Probationary Period	\$12.15		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.15	\$18.23
61 Days-12 Months	\$13.55		\$8.27	\$1.88	\$0.17	\$0.00	\$1.41	\$0.00	\$0.00	\$0.00	\$25.28	\$32.06
2nd Year	\$15.89		\$8.27	\$1.88	\$0.17	\$0.00	\$1.59	\$0.00	\$0.00	\$0.00	\$27.80	\$35.75
3rd Year	\$17.05		\$8.27	\$1.88	\$0.17	\$0.00	\$1.69	\$0.00	\$0.00	\$0.00	\$29.06	\$37.59
4th Year	\$18.69		\$8.27	\$1.88	\$0.17	\$0.00	\$1.80	\$0.00	\$0.00	\$0.00	\$30.81	\$40.16
5th Year	\$20.09		\$8.27	\$1.88	\$0.17	\$0.00	\$1.91	\$0.00	\$0.00	\$0.00	\$32.32	\$42.37
Apprentice	Percent											
1st year	39.55	\$15.71	\$8.39	\$2.42	\$0.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.69	\$34.55
2nd year	44.95	\$17.86	\$8.39	\$2.73	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$33.23	\$42.16
3rd year	49.95	\$19.85	\$8.39	\$3.03	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$35.52	\$45.44
4th year	59.95	\$23.82	\$8.39	\$3.64	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$40.10	\$52.01
5th year	74.95	\$29.78	\$8.39	\$4.55	\$1.44	\$0.00	\$2.81	\$0.00	\$0.00	\$0.00	\$46.97	\$61.86

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio :

- 1 Journeyman to 1 Apprentice
- 2 Journeymen to 1 Apprentice
- 3 Journeymen to 2 Apprentices
- 4 Journeymen to 2 Apprentices
- 5 Journeymen to 3 Apprentices
- 6 Journeymen to 3 Apprentices

Jurisdiction (* denotes special jurisdictional note) :

ASHTABULA, CUYAHOGA, GEauga, LAKE

Special Jurisdictional Note :

Details :

Industrial Door-Installation and service of overhead doors roll up doors, docks and dock leveling equipment.

Prevailing Wage Rate Skilled Crafts

Name of Union: Truck Driver HevHwy 436

Change # : LCN01-2015fbLoc436

Craft : Truck Driver Effective Date : 08/12/2015 Last Posted : 08/12/2015

	BHR	Fringe Benefit Payments						Irrevocable Fund		Total PWR	Overtime Rate
		H&W	Pension	App Tr.	Vac.	Annuity	Other	LECET (*)	MISC (*)		
Classification											
Truck Driver - Straight and Dump Trucks including Asphalt-Straight Fuel -Warehousemen-Straight Fuel	\$26.90	\$4.80	\$10.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.75	\$55.20
Semi Fuel-Semi Tractor Drivers-Darts-Tank Asphalt Spreaders-Low Boys. Carryall Drivers-Rockers- Hilifts-Forklifts-Xtra long Trailers etc.	\$27.40	\$4.80	\$10.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42.25	\$55.95

Special Calculation Note : No special calculations for this skilled craft wage rate are required at this time.

Ratio : **Jurisdiction (* denotes special jurisdictional note) :**
CUYAHOGA, LAKE, GEAUGA

Special Jurisdictional Note :

Details :

Eculids include: Darts, Tank, Asphalt Spreaders, Low Boys, Carry-All Drivers, Tourna-Rockers, High-Lifts, Fork-Lifts, Extra Long Trailers and Semi-Tractor and Tri-Axle Trailer, Tandem Tractor and Tandem Trailer, Tandem Trailer and Tri-Axle Trailer, Tag Along Trailer, Expandable Trailers or towing requiring road permits. Ready-Mix (Agitator or non-agitator) Bulk Concrete Drivers, dry Batch Trucks, Articulated End Dump, Bus Drivers.

Holiday Pay = 7 holidays X (8 hours X BHR)/2080 hours per year.

This pay is only for those employee's who started driving before 1976.

To be eligible to receive holiday pay an employee must have worked at least one (1) day in the period fourteen (14) calendar days prior to the holiday and/or in the fourteen (14) day calendar period after the

5 Journeymen to 3 Apprentices

6 Journeymen to 3 Apprentices

Special Jurisdictional Note :

Details :

Industrial Door-Installation and service of overhead doors roll up doors, docks and dock leveling equipment.