**REGION 1 (WORKFORCE INVESTMENT AREA 1)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 21.21 | 12.93 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 34.12 | 23.22 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 35.57 | 13.18 |
| CARPENTER | 47-2031 | 28.77 | 15.86 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 28.05 | 13.71 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 27.49 | 8.77 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 28.87 | 13.44 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 30.28 | 14.26 |
| INSULATION WORKER | 47-2131 | 30.84 | 20.73 |
| IRONWORKER | 47-2221 | 33.34 | 10.93 |
| LABORER - HELPER | 47-2061 | 25.70 | 11.38 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 29.18 | 16.52 |
| MECHANIC | 49-3042 | 27.53 | 10.30 |
| PAINTER | 47-2141 | 26.36 | 12.93 |
| PLUMBER - PIPEFITTER | 47-2152 | 31.65 | 15.25 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.67 | 12.36 |
| ROOFER | 47-2181 | 27.83 | 12.71 |
| SHEET METAL WORKER | 47-2211 | 27.21 | 16.15 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 23.27 | 10.67 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 20.36 | 8.65 |

Region 1 (Workforce Investment Area 1): Fayette, Greenbrier, McDowell, Mercer, Monroe, Nicholas, Pocahontas, Raleigh, Summers, Webster, Wyoming

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**REGION 2 (WORKFORCE INVESTMENT AREA 2)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 20.56 | 10.78 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 34.12 | 23.22 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 29.50 | 20.42 |
| CARPENTER | 47-2031 | 29.04 | 18.59 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 27.17 | 14.57 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 37.57 | 16.29 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 26.44 | 14.62 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 29.28 | 17.90 |
| INSULATION WORKER | 47-2131 | 29.94 | 19.87 |
| IRONWORKER | 47-2221 | 27.78 | 14.21 |
| LABORER - HELPER | 47-2061 | 22.23 | 13.45 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 32.76 | 18.86 |
| MECHANIC | 49-3042 | 29.01 | 9.12 |
| PAINTER | 47-2141 | 25.94 | 13.96 |
| PLUMBER - PIPEFITTER | 47-2152 | 33.74 | 24.60 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.67 | 12.36 |
| ROOFER | 47-2181 | 21.47 | 9.51 |
| SHEET METAL WORKER | 47-2211 | 26.60 | 20.59 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 21.93 | 8.05 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 18.13 | 7.61 |

Region 2 (Workforce Investment Area 2): Boone, Cabell, Lincoln, Logan, Mingo, Putnam, Wayne

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**REGION 3 (WORKFORCE INVESTMENT AREA 3)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 21.60 | 12.15 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 34.12 | 23.22 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 27.45 | 19.52 |
| CARPENTER | 47-2031 | 29.05 | 16.63 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 29.59 | 15.56 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 32.72 | 13.93 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 27.65 | 11.62 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 30.46 | 14.71 |
| INSULATION WORKER | 47-2131 | 14.14 | 9.50 |
| IRONWORKER | 47-2221 | 32.77 | 17.91 |
| LABORER - HELPER | 47-2061 | 24.56 | 14.05 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 32.36 | 18.91 |
| MECHANIC | 49-3042 | 30.07 | 16.77 |
| PAINTER | 47-2141 | 26.64 | 13.91 |
| PLUMBER - PIPEFITTER | 47-2152 | 30.48 | 13.76 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.19 | 12.44 |
| ROOFER | 47-2181 | 27.84 | 12.51 |
| SHEET METAL WORKER | 47-2211 | 27.84 | 19.83 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 22.13 | 6.35 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 20.36 | 8.65 |

Region 3( Workforce Investment Area 3): Kanawha

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**REGION 4 (WORKFORCE INVESTMENT AREA 4)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 20.56 | 10.78 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 35.33 | 23.02 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 28.50 | 14.89 |
| CARPENTER | 47-2031 | 26.58 | 21.47 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 27.39 | 15.83 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 28.70 | 13.88 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 31.51 | 16.73 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 27.54 | 12.40 |
| INSULATION WORKER | 47-2131 | 31.08 | 20.79 |
| IRONWORKER | 47-2221 | 28.53 | 19.37 |
| LABORER - HELPER | 47-2061 | 23.47 | 15.49 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 29.18 | 16.52 |
| MECHANIC | 49-3042 | 27.53 | 10.30 |
| PAINTER | 47-2141 | 24.10 | 12.32 |
| PLUMBER - PIPEFITTER | 47-2152 | 34.20 | 19.74 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.67 | 12.36 |
| ROOFER | 47-2181 | 26.42 | 12.48 |
| SHEET METAL WORKER | 47-2211 | 29.28 | 22.45 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 28.00 | 22.01 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 20.36 | 8.65 |

Region 4 (Workforce Investment Area 4): Calhoun, Clay, Jackson, Mason, Pleasant, Ritchie, Roane, Wirt, Wood

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**REGION 5 (WORKFORCE INVESTMENT AREA 5)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 20.56 | 10.78 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 33.41 | 15.12 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 27.38 | 17.63 |
| CARPENTER | 47-2031 | 26.72 | 16.20 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 21.54 | 14.62 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 30.56 | 21.41 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 31.22 | 15.82 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 29.71 | 15.28 |
| INSULATION WORKER | 47-2131 | 37.61 | 24.25 |
| IRONWORKER | 47-2221 | 30.56 | 17.50 |
| LABORER - HELPER | 47-2061 | 23.24 | 13.72 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 29.18 | 16.52 |
| MECHANIC | 49-3042 | 20.56 | 5.29 |
| PAINTER | 47-2141 | 23.39 | 14.45 |
| PLUMBER - PIPEFITTER | 47-2152 | 33.80 | 24.53 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.67 | 12.36 |
| ROOFER | 47-2181 | 26.92 | 12.79 |
| SHEET METAL WORKER | 47-2211 | 29.17 | 19.88 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 27.08 | 11.83 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 20.54 | 7.34 |

Region 5 (Workforce Investment Area 5): Brooke, Hancock, Ohio, Marshall, Tyler, Wetzel

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**REGION 6 (WORKFORCE INVESTMENT AREA 6)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 20.56 | 10.78 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 34.12 | 23.22 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 29.24 | 15.01 |
| CARPENTER | 47-2031 | 27.83 | 21.08 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 25.63 | 15.06 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 30.32 | 14.90 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 32.21 | 20.85 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 30.97 | 16.90 |
| INSULATION WORKER | 47-2131 | 35.03 | 24.62 |
| IRONWORKER | 47-2221 | 29.40 | 20.74 |
| LABORER - HELPER | 47-2061 | 21.53 | 15.57 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 26.10 | 15.34 |
| MECHANIC | 49-3042 | 27.53 | 10.30 |
| PAINTER | 47-2141 | 25.40 | 14.43 |
| PLUMBER - PIPEFITTER | 47-2152 | 35.57 | 23.25 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.67 | 12.36 |
| ROOFER | 47-2181 | 26.27 | 11.93 |
| SHEET METAL WORKER | 47-2211 | 30.54 | 20.25 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 21.56 | 9.65 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 22.25 | 11.77 |

Region 6 (Workforce Investment Area 6): Barbour, Braxton, Doddridge, Gilmer, Harrison, Lewis, Marion, Monongalia, Preston, Randolph, Taylor, Tucker, Upshur

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**REGION 7 (WORKFORCE INVESTMENT AREA 7)**

| Job Title | Code | Wage | Fringe |
|---|---|---|---|
| ASBESTOS ABATEMENT WORKER | 47-4041 | 20.56 | 10.78 |
| ASBESTOS INSULATOR - FIRE STOP TECHNICIAN | 47-2132 | 32.65 | 9.44 |
| BOILERMAKER | 47-2011 | 34.12 | 23.22 |
| BRICKLAYER-STONEMASON-TILE - MARBLE SETTER | 27-2021 | 29.15 | 16.91 |
| CARPENTER | 47-2031 | 27.17 | 14.14 |
| CEMENT MASON - PLASTERER - STUCCO MASON | 47-2051 | 24.99 | 11.45 |
| DIVER | 49-9092 | 25.09 | 7.25 |
| DREDGER | 53-7031 | 26.96 | 7.79 |
| ELECTRICIAN | 47-2111 | 30.91 | 16.12 |
| ELEVATOR CONSTRUCTOR - MECHANIC | 47-4021 | 27.21 | 7.86 |
| GLAZIER | 47-2121 | 25.76 | 7.14 |
| HEAVY EQUIPMENT OPERATOR - GROUP 1 | 47-2073 | 29.93 | 13.83 |
| HEAVY EQUIPMENT OPERATOR - GROUP 2 | 53-7091 | 25.81 | 8.26 |
| INSULATION WORKER | 47-2131 | 33.47 | 15.79 |
| IRONWORKER | 47-2221 | 26.96 | 14.8 |
| LABORER - HELPER | 47-2061 | 22.66 | 13.73 |
| LATHER - CEILING - DRYWALL INSTALLER | 47-2081 | 25.21 | 11.95 |
| MECHANIC | 49-3042 | 27.53 | 10.30 |
| PAINTER | 47-2141 | 25.47 | 13.99 |
| PLUMBER - PIPEFITTER | 47-2152 | 34.15 | 19.47 |
| POWER-LINE CONSTRUCTOR | 49-9051 | 35.67 | 12.36 |
| ROOFER | 47-2181 | 27.00 | 12.07 |
| SHEET METAL WORKER | 47-2211 | 25.39 | 16.00 |
| SOFT FLOOR LAYER | 47-2041 | 29.32 | 17.37 |
| STRIPER OPERATOR – HIGHWAY and PARKING LOT | 47-4051 | 13.68 | 3.95 |
| TELECOMMUNICATION INSTALLER | 49-2022 | 25.12 | 7.26 |
| TRUCK DRIVER- HEAVY & TRACTOR-TRAILER | 53-3032 | 22.90 | 8.30 |
| TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR | 53-3033 | 20.36 | 8.65 |

Region 7 (Workforce Investment Area 7): Berkeley, Jefferson, Grant, Hamsphire, Hardy, Mineral, Morgan, Pendleton

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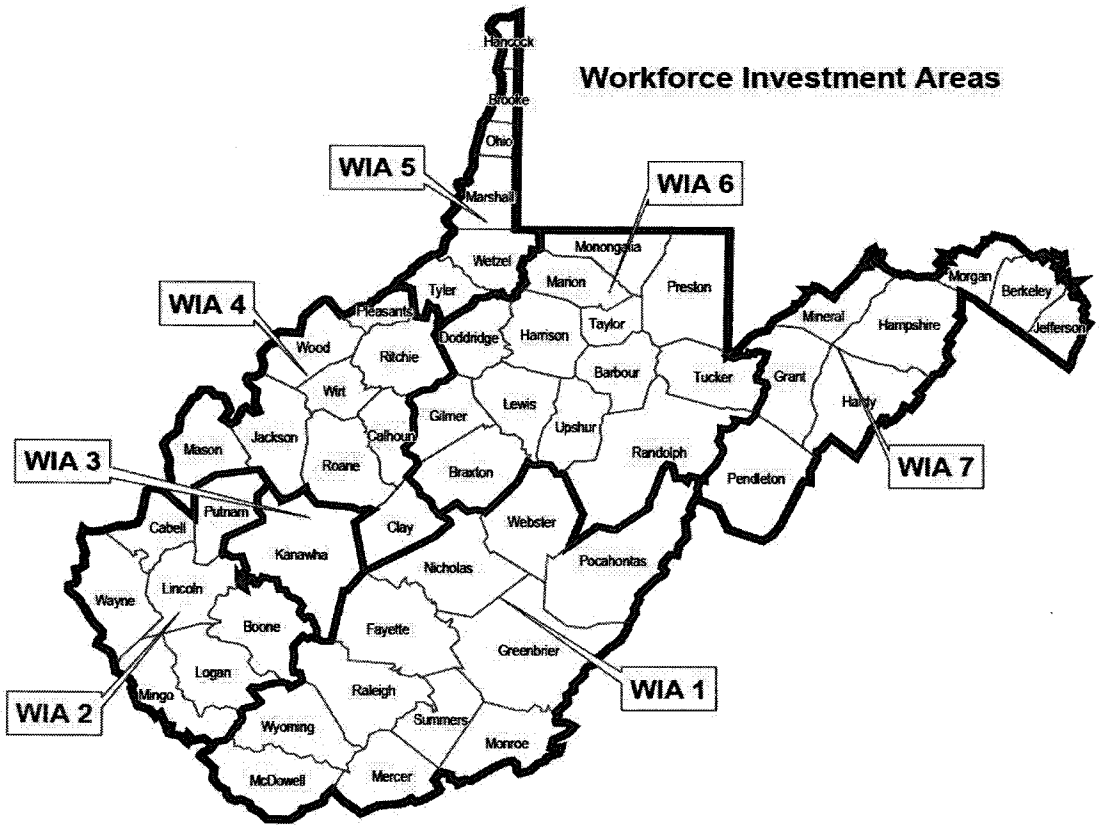


| County | Region | County | Region | County | Region |
|---|---|---|---|---|---|
| Barbour | 6 | Kanawha | 3 | Preston | 6 |
| Berkeley | 7 | Lewis | 6 | Putnam | 2 |
| Boone | 2 | Lincoln | 2 | Raleigh | 1 |
| Braxton | 6 | Logan | 2 | Randolph | 6 |
| Brooke | 5 | Marion | 6 | Ritchie | 4 |
| Cabell | 2 | Marshall | 5 | Roane | 4 |
| Calhoun | 4 | Mason | 4 | Summers | 1 |
| Clay | 4 | McDowell | 1 | Taylor | 6 |
| Doddridge | 6 | Mercer | 1 | Tucker | 6 |
| Fayette | 1 | Mineral | 7 | Tyler | 5 |
| Gilmer | 6 | Mingo | 2 | Upshur | 6 |
| Grant | 7 | Monongalia | 6 | Wayne | 2 |
| Greenbrier | 1 | Monroe | 1 | Webster | 1 |
| Hampshire | 7 | Morgan | 7 | Wetzel | 5 |
| Hancock | 5 | Nicholas | 1 | Wirt | 4 |
| Hardy | 7 | Ohio | 5 | Wood | 4 |
| Harrison | 6 | Pendleton | 7 | Wyoming | 1 |
| Jackson | 4 | Pleasants | 4 | | |
| Jefferson | 7 | Pocahontas | 1 | | |

WORKFORCE
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# PREVAILING WAGE JOB CLASSIFICATION

WorkForce West Virginia

Rev. June 15, 2015
Research, Information & Analysis Division

# INTRODUCTION

This booklet contains the definitions of covered occupations (classifications) for construction projects in the State of West Virginia. A Cross Reference section is also included after the definitions. While it is not possible to list all typical duties associated with each occupation, this booklet is intended to be a convenient reference guide used to classify the duties performed on construction projects.

The job classifications/trades normally found in the construction industry are represented by the job classifications used in this publication. Find the definition that most closely matches the actual work being performed by the worker; this will determine the occupation title/classification to be used in determining the correct prevailing wage rate to pay the worker. It is important to note that it is the work performed by the employee, not the worker's title or qualifications, which determines the applicable classification.

If you identify any errors in this publication, or have questions about how to classify workers, please feel free to contact us.

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# ASBESTOS ABATEMENT WORKER 47-4041

## *Primary Purpose:*

Identify, remove, pack, transport, or dispose of hazardous materials, including asbestos, lead-based paint, waste oil, fuel, transmission fluid, radioactive materials from mechanical systems (pipes, boilers, ducts, flues, breechings, etc.) **that are not going to be scrapped** and all other work established by custom and usage as belonging to this classification.

Note: For Asbestos removal from walls, ceilings, floors or from mechanical systems which **are to be scrapped**, see "Laborer".

## *Examples:*

Asbestos Abatement Worker, Decontamination / Decommissioning Operator (D & D Operator), Hazmat Technician (Hazardous Materials Technician), Nuclear Waste Handler, Radiological Control and Safety Technician, Waste Handling Technician

## *Typical Tasks:*

- Remove asbestos or lead from surfaces, using hand or power tools such as scrapers, vacuums, or high pressure sprayers. Identify asbestos, lead, or other hazardous materials to be removed using monitoring devices.
- Apply chemical compound to lead-based paint then scrape the hazardous material. Seal, label and drop scrap material into appropriate container.
- Comply with prescribed safety procedures or federal laws regulating waste disposal methods.
- Operate machines, truck or equipment to remove, package, store, or transport loads of waste materials to designated areas.
- Identify or separate waste products or materials for recycling or reuse.
- Process e-waste; sort specialized hazardous waste at landfills or disposal centers following proper disposal procedures.
- Remove or limit contamination following emergencies involving hazardous substances.
- Bury by using concrete forms to encase waste material for disposal.
- Clean mold-contaminated sites by removing damaged porous materials or thoroughly cleaning all contaminated nonporous materials.
- Clean contaminated equipment or areas for reuse, using detergents or solvents, sandblasters, filter pumps, or steam cleaners.

# ASBESTOS INSULATOR/FIRE STOP TECHNICIAN 47-2132

## *Primary Purpose:*

Apply insulating materials on mechanical systems for thermal and acoustical purposes or install fire stop penetrations on electrical and mechanical systems in order to prevent the passage of fire, smoke, or other gases.

Mechanical systems include heating systems, air handling systems, pipes, boilers, evaporators, turbines, ducts, flues, breaching, storage tanks, refrigeration units, grease ducts, acid ducts, and all insulation connected with steam, condensate, feed-water, and/or chilled water.

## *Examples:*

Commercial Insulator, Heat and Frost Insulator, Industrial Insulator, Insulation Helper, Insulation Installer, Insulation Mechanic, Insulation Worker, Mechanic Insulator, Mechanical Insulator

## *Typical Tasks:*

- Determine the amounts and types of insulation needed, and methods of installation.
- Measure, cut and fit insulation around obstructions for covering surfaces, shape insulating materials and protective coverings as required.
- Apply, remove, and repair insulation on industrial equipment, pipes, ductwork, or other mechanical systems such as heat exchangers, tanks, and vessels, to help control noise and maintain temperatures.
- Assemble scaffolding incidental to insulation or asbestos abatement work.
- Cover, seal, or finish insulated surfaces or access holes with plastic covers, canvas strips, sealants, tape, cement, or asphalt mastic.
- Remove or seal off old asbestos insulation, following safety procedures.

# BOILERMAKER 47-2011

## *Primary Purpose:*

Construct, assemble, install, maintain, renovate, and repair stationary steam boilers, boiler house auxiliaries, vats, and other large vessels that hold liquids and gases

## *Examples:*

Boilermaker, Boiler Mechanic, Boiler Technician, Boiler Welder, Boilermaker Mechanic, Boilermaker Pipe Fitter, Boilermaker Welder, Service Technician

## *Typical Tasks:*

- Fabricates steel for construction of steam boilers, boiler house auxiliaries, vats and other large vessels that hold liquids and gases.
- Positions, aligns and secures structures or plate sections to assemble boiler frame tanks or vats, following blueprints.
- Locates and marks reference points for columns or plates on foundations, following blueprints and using straightedges, squares, transits, and tape measures.
- Lays out plate, sheet steel, or other heavy metal, and locates and marks bending and cutting lines using protractors, compasses, and drawing instruments or templates.
- Drills, reams, chips, caulks, rivets, hammers, flame-cuts, files, and grinds structures and sections; bolts or welds them together.
- Bolts or welds casing sections, uptakes, stacks, baffles, and fabricated parts such as chutes, air heaters, fan stands, feeding tubes, catwalks, ladders, coal hoppers and safety hatches to frame.
- Fabricates stacks, uptakes and chutes to adapt boiler to premises in which installed, if necessary.
- Uses hand and power tools, plumb bobs, levels, edges, dogs or turnbuckles.
- Bells and beads with power hammer, or welds pressure vessel tube ends to ensure leak-proof joints.
- Positions drums and headers into supports; bolts or welds supports to frames.
- Attaches rigging and signals crane operators to lift parts to specified positions.
- May watch confined entry holes.
- Examines and tests assembled vessels for leaks or other defects.
- Directs cleaning of boiler furnaces.
- Repairs and reconstructs boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines.
- Aligns and attaches accessories such as manholes, handholds, taps, tubes, fans, stacks, valves, and gauges, using hand tools or power wrenches.
- Unloads and loads materials that the Boilermakers are to erect.

# BRICKLAYER/STONEMASON/TILE & MARBLE SETTER 47-2021

## *Primary Purpose:*

Lays out, lays, cuts, installs, and finishes all brick, structural tile, refractory materials, precast units, concrete, cinder, glass, gypsum, terra cotta block, and all other natural and artificial masonry products to construct or repair walls, partitions, stacks, furnaces, or other structures.

Sets stone, marble or granite to build stone structures such as piers, walls, and abutments, and lays walks, curbstones, or special types of masonry for vats, tanks, and floors. May set, cut, and dress ornamental and structural stone in buildings.

## *Examples:*

Block Layer, Block Mason, Brick and Block Mason, Brick Mason, Bricklayer, Stonemason, Concrete Finisher, Mason, Tender, Caulker, Marble Setter, Tile Setter, Terrazzo Setter

## *Typical Tasks:*

- Measures distance points from reference points and marks guidelines on working surface to lay out work.
- Determines vertical and horizontal alignment of courses using plumb bob, gauge line (tightly stretched cord) and level.
- Spreads soft layer of mortar that serves as base and binder for brick or block using trowel.
- Breaks or cut bricks or blocks to size, using power or hand tools.
- Shapes stone preparatory to setting, using a chisel hammer and other shaping tools.
- Applies mortar to end of brick or block and positions same in mortar bed.
- Spreads mortar over stone and foundation with trowel and sets stone in place by hand or with aid of a crane.
- Removes excess mortar from face using trowel.
- Taps brick or block with trowel to level, align and embed in mortar, allowing for specified thickness of joint.
- Aligns stone with plumb line and finishes joints between stone with a pointing trowel.
- Fastens brick, block, or terra cotta veneer to face of buildings or structures with appropriate ties embedded in mortar between units or in anchor holes in units.
- Grouts, insulates, and places all reinforcing rods, anchors, and flashing in masonry walls.
- Lays refractory brick, block, and insulation in place by spreading, dipping, or spraying materials to build furnaces, line boilers, or like fire resistant structures.
- Finishes mortar between brick and block with pointing tool or trowel.
- Points, cleans, caulks and waterproofs masonry.
- Cleans excess mortar or grout from surface of stone using sponge, brush, water, or acid.

# CARPENTER 47-2031

## *Primary Purpose:*

Constructs, erects, installs and renovates buildings and structures, structural members, and fixtures made of wood, plywood, wallboard, and materials that take the place of wood such as plastic, light gauge metals, metal studs, fiberglass, transite sheeting, and cemesto board by using carpentry hand tools, power tools, and woodworking machines and by measuring materials and distances, cutting materials to required size, assembling, anchoring, erecting and aligning forms or framework.

## *Examples:*

Cabinet Maker, Concrete Carpenter, Construction Worker, Framer, Apprentice Carpenter, Bridge Carpenter, Bridge Repair Crew Person, Carpenter, Form Carpenter, Journeyman Carpenter, Rough Carpenter, Union Carpenter

## *Typical Tasks:*

- Lays out and frames buildings or structures on-site. (Does not include the laying out or erection of prefabricated metal buildings, see instead "Ironworker").
- Erects and removes suspended scaffolding, specialty scaffold systems, scaffolding to be used by 2 or more trades, and self-supporting scaffolding over 14 feet, but does not include scaffolding to be used by masons (see instead, "Cement Mason" or plasterers see instead, "Plasterer"). May erect or remove self-supporting scaffolding below 14 feet to be used by one trade, but see also "Laborer," or see the particular trade to use the scaffolding.
- Builds wooden stairs and installs wooden ladders, wooden handrails, wooden walkways, wooden platforms, and wooden gangways.
- Installs/applies siding to buildings, excluding brick/stone siding, plaster/stucco siding, and/or sheet metal siding. (For brick/stone siding, see instead "Bricklayer/Stone Mason." For prefabricated metal building, see instead "Ironworker." For plaster/stucco siding, see instead "Plasterer." For sheet metal siding, see instead "Sheet Metal Worker").
- Installs wood doors, bi-fold doors, automatic doors (excluding the wiring), and overhead garage doors (excluding the wiring) in non-prefabricated metal buildings. May also install hollow metal doors, (see also "Ironworker").
- Installs interior signs (excluding the wiring).
- Installs wood and metal rough frames for windows and bucks in which finished frames are inserted.
- Installs weather-stripping and hardware such as locks, letterdrops, kickplates, and door tracks.
- Installs awnings, laminated wooden beams, and trusses.
- Installs or applies sun-control film to the inside of windows.
- Installs metal decking for the placement of concrete slabs only where metal decking is removed after concrete pour. For metal decking that is bolted, welded or becomes permanent member of structure see instead "Ironworker."
- Lays out, installs, aligns, and repairs wood or metal cabinets, shelving, cabinet doors, cabinet hardware, molding, mill work, casework, paneling and all decorative woodwork to include composite.
- Installs wood or metal cabinets and shelving.
- Installs furniture systems, including modular office equipment, when connected to a building. Furniture systems are "connected to a building" when they are bolted to a building's walls or floors or connected to the electrical and/or communication/cable wiring system of a building. (Scope of work excludes wiring. For wiring of communication/cable systems, see instead, "Telecommunication Technician." For wiring of electrical systems, see instead "Electrician." For installation of free-standing furniture systems not connected to a building, see instead "Laborer").

- Installs high-density filing or storage equipment.
- Operates auto nailing machine.
- Insulates ceilings, walls and floors with non-irritating insulation.
- Installs folding, steel-framed, gymnasium bleacher or auditorium seating, (see also "Ironworker"). May set seats on structural steel framed exterior stadium seating. (But for installation of the structural steel frame for exterior stadium seating, see instead "Ironworker").
- Installs cast-on-site and pre-cast concrete panels.
- Erects and renovates wooden fences, using hand and power tools.
- Strips reusable forms. (See "Laborer" for stripping of non-reusable forms or for cleaning or prepping of reusable forms).
- Builds manholes. (Work may also be completed by "Laborer").
- Lays sub-floors and all hardwood floors, including nailed, mastic set, parquet and wood-type tiles, and block floors. (For laying of soft tile, linoleum, or carpet, see instead "Soft Floor Layer").
- Sands and finishes all hardwood floors.

# CEMENT MASON, PLASTERER & STUCCO MASON 47-2051

## I) Cement Mason

### *Primary Purpose:*
Smooth and finishes surfaces of poured concrete to specified textures using hand or power tools, including floats, trowels, and screeds.

### *Examples:*
Cement Finisher, Cement Mason, Concrete Finisher, Concrete Mason, Finisher

### *Typical Tasks:*
- Levels, smoothens, edges and finishes surfaces of poured concrete floors, walls, sidewalks, curbs, steps and stairways, or any other concrete surface.
- Patches, repairs, or removes rough or defective areas on concrete surfaces to impart a finish, including the application of any cementitious product to such surfaces.
- Applies cement, sand, pigment or marble chips to concrete in order to attain durable and/or decorative surfaces.
- Grouts and plugs holes on concrete surfaces, including dry packing and end pointing.
- Joints concrete surfaces, including expansion, control, or decorative.
- Hand chips concrete in preparation of patching or to produce a finished concrete product.
- Sets all curb, gutter, and sidewalk forms, and planks, lines, stakes, grades, and screeds.
- Installs and finishes epoxy compounds or systems and other resinous toppings to concrete surfaces, when utilizing a hand or power trowel application.

## II) Plasterer & Stucco Mason

### *Primary Purpose:*
Applies coats of plaster or stucco to interior or exterior walls, ceilings, and partitions of buildings and structures to produce a finished surface. Fireproofs building assemblies with plaster materials, sprayed fiberglass, or other similar materials, whether applied to gypsum, metal lath, or directly.

### *Examples:*
Applicator, Artisan Plasterer, Plaster Mechanic, Plasterer Journeyman, Plastering Contractor, Quality Control Patch-Man (QC Patch-Man), Stucco Man, Swimming Pool Plasterer

### *Typical Tasks:*
- Applies plaster to lath, masonry, drywall, or other bases; applies stucco to exterior walls. See "Drywall Installer & Taper" for the sealing of joints between plasterboard and other wallboards to prepare the wall surface for painting or papering.
- Sprays fireproof insulation onto gypsum, lath, or other surfaces.
- Creates decorative textures in finish coat systems.
- Molds and installs ornamental plaster pieces, panels, and cornices.
- Applies plaster or stucco siding materials.

# DIVER 49-9092

## *Primary Purpose:*

Works primarily underwater supplied with air, usually by a pipeline from the surface while wearing a diving suit or using scuba gear. May work at water's surface by using a snorkel.

## *Examples:*

Commercial Diver, Dive Supervisor, Diver, Diver Tender, Non Destructive Testing Underwater Welder (NDT U/W Welder), Salvage Diver

## *Typical Tasks:*

- Inspects, repairs, removes, dismantles, salvages or installs equipment and underwater structures (such as underwater pipelines and hookups which includes petroleum, gas, water and sewage systems), hulls, docks, bridges, dams, cables, underwater suction and discharge lines (such as those used at chemical plants, pulp mills and desalinization plants) and below water line on vessels and ships.
- Places recording instruments below surface of water preparatory to conducting tests or experiments.
- Drills holes in rocks preparatory to rigging explosives.
- Photographs underwater structures or marine life.
- Lays foundations for bridge piers, reconstructs underwater walls, and uses underwater cutting and welding tools and the cement gun.
- May also do underwater carpentry, steel plating and shipwright's work.
- Performs numerous duties with power and hand tools such as torches, pry bars, drills, sledgehammers.
- Burns and welds in marine salvage operations.
- Inspects, removes, rescues and recovers objects below the water's surface.
- Completes underwater wells.
- Lays underwater power and/or communications cables where diving is necessary.
- Operates hyperbaric chambers and underwater equipment used in the above operations.

# DREDGER 53-7031

## *Primary Purpose:*

Operates power-driven dredge to mine sand, gravel, rock or other materials from harbors, bays, lakes, ponds, rivers or streams, and to excavate and maintain navigable channels in waterways (excludes floating construction equipment – see " Heavy Equipment Operator").

## *Examples:*

Dredge Operator, Dredger, Assistant Engineer (including Machinist, Mechanic, Oiler, Watch Engineer, and Welder), Assistant Mate ("Deckhands"), Boatman, Fill Equipment Operator, Lever-man.

## *Typical Tasks:*

- May restore wetlands and other aquatic habitats, reclaim land, and create and maintain beaches.
- Directs or assists workers placing shore anchors and cables, laying additional pipes from dredges to shore, and pumping water from pontoons.
- Moves levers to position dredges for excavation, to engage hydraulic pumps, to raise and lower suction booms, and to control rotation of cutterheads.
- Lowers anchor poles to verify depths of excavations, using winches, or scan depth gauges to determine depths of excavations.
- Pumps water to clear machinery pipelines.
- Starts and stops engines to operate equipment.
- Starts power winches that draw in or let out cables to change positions of dredges, or pull in and let out cables manually.

# ELECTRICIAN 47-2111

## *Primary Purpose:*

Installs and repairs electrical wiring, control equipment, apparatus, and fixtures. Ensures that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

## *Examples:*

Inside Wireman, Outside Journeyman, Electrical Welder, Electrical Material Handler, Lighting Maintenance Worker, Control Electrician, Electrician, Industrial Electrician, Journeyman Electrician; Journeyman Wireman, Maintenance Electrician, Mechanical Trades Specialist, Qualified Craft Worker, Apprentice Electrician

## *Typical Tasks:*

- Measures, cuts, bends, threads, assembles, and installs electrical conduit.
- Pulls wiring through conduit.
- Splices wire, twists or solders wire together, and applies tape or terminal caps.
- Connects wiring to lighting fixtures and power equipment.
- Installs control and distribution apparatus including but not limited to switches, relays, and circuit-breaker panels and fastens such apparatus in place.
- Installs chasing and channeling necessary to complete any electrical work.
- Tests continuity of circuit to ensure electrical compatibility and safety of components.
- As Electrical Material Handler; handles and maintains order of electrical materials, equipment, and tools at the site of work, delivers materials to licensed electricians, and may perform cleanup work in connection with the work of an electrical contractor. An electrical material handler may not install electrical material or utilize equipment (for example, switch gears, motor control centers, transformers, motors, or light fixtures).
- As Lighting Maintenance worker, makes alterations within an existing lighting fixture enclosure on the site of work not including or requiring removal of the fixture from its supporting structure. Alterations include cleaning of all types of lighting fixtures, lenses and diffusers in luminous ceilings and all types of diffused ceilings or area lighting installations; and the replacement of lamps, tubes, starters, sockets and ballasts or similar equipment. Lighting Maintenance does not include the replacement of wire other than fixture wire within the individual fixture enclosure. Remote mounted ballasts and transformers of lighting fixtures may be replaced only when found to be defective while the fixture is being serviced or cleaned.

# ELEVATOR CONSTRUCTOR & MECHANIC 47-4021

## *Primary Purpose:*

Assembles and installs all commercial and residential conveyances; maintains, replaces, repairs, tests, adjusts, demolishes and renovates electric, cable driven, rack & pinion and hydraulic freight and passenger elevators, escalators, moving walkways, material lifts, stair lifts, wheelchair lifts and ramps, dumbwaiters and similar equipment in new and old buildings.

## *Examples:*

Elevator Adjuster, Elevator Constructor, Elevator Mechanic, Elevator Repair and Maintenance Technician, Elevator Service Mechanic, Elevator Service Technician, Elevator Serviceman, Elevator Technician, Elevator Troubleshooter, Escalator Service Mechanic

## *Typical Tasks:*

- Attaches guide shoes and rollers.
- Installs outer doors and door frames (at the elevator entrances on each floor); installs safety and control devices and installs landing door entrances; installs elevator cabs complete.
- Performs preventative maintenance such as oiling and greasing moving parts; replacing worn parts; testing devices/equipment with test lamps, ammeters, voltmeters and gauges; and adjusting equipment for optimal performance.
- Erects and assembles theater stage and curtain elevator equipment and guides or rigging, including organ consoles and orchestra elevators.
- Installs and connects all electrical wiring and components, controls, conduit, raceways and related devices from the first point of attachment of main line feeder terminals on the controller to other elevator apparatus and operating circuits required at each floor and at the main control panel in the machine room which includes elevator enclosures, fronts, fascias, sills, frames, and bucks.
- Sinks, bores, drills or digs cylinder wells.
- Adjusts safety controls, counterweights, door mechanisms, and components such as valves, ratchets, seals, and brake linings.
- Assembles electrically powered stairs, steel frameworks, and tracks, and installs associated motors and electrical wiring.
- Drills holes in concrete or structural steel members with portable electric drill; drills doors for mounting of closing devices; drills angle supports for mounting of closing devices except one template hole; drills sills for sill trips; drills overhead beams for attaching machines, sheaves, kick angles, and all other elevator equipment.
- Cuts prefabricated sections of framework, rails, and other elevator components to specified dimensions, using acetylene torch, power saw, and disc grinder. Secures anchor bolts or weld brackets to support rails and framework, and verifies alignment with plumb bob and level.
- Installs indicators, grating, cables, counterweights, pumps, motor foundations, escalator drives, guide rails, elevator cars (which includes the platform, walls and doors), control panels, machinery, cylinders and plunger foundations, counterweight screens, overhead work, either wood or iron, and all material used for mounting of elevator apparatus in machine room, overhead or below.
- Connects electrical wiring to control panels and electric motors.
- Positions electric motor and equipment on top of elevator shaft, using hoists and cable slings.
- Sets all templates.
- Erects all electrical or mechanical automatic or semi-automatic gates.
- Installs all devices for opening and closing, and locking of elevator car and hoistway doors and gates.

- Sets hydraulic power units which include motor, pump, drive valve system, internal piping, muffler, internal wiring, controller and tank, and sets all elevator pressure open or pit tanks.

# GLAZIER 47-2121

## *Primary Purpose*:
Installs glass in windows, skylights, and storefronts or on such surfaces as building fronts, interior walls, and ceilings at construction sites.

## *Examples:*
Automobile Glass Technician, Commercial Glazier, Glass Installer, Glass Technician, Glazer, Glazier, Journeyman Glazier, Master Glazier

## *Typical Tasks:*
- Cuts, prepares, handles, installs, and removes all types of glass, including but not limited to window glass, plate glass, structural glass, mirror glass, tempered and laminated glass, safety or protection glass, and insulating glass units as well as all plastics or other materials when these are used in place of glass and are set or glazed with putty, molding rubber, cement, lead, and other types of mastic or similar materials.
- Measures and marks outlines or patterns on glass to indicate cutting lines.
- Installs metal window and door frames into which glass panels are to be fitted, such as fixed or sliding patio doors and fixed, sliding, or vented windows.
- Fastens glass panes into wooden sash with glazier's points and seals joints by spreading putty around edges of panes.
- Bolts metal hinges, handles, locks, and other hardware to prefabricated glass doors; sets glass doors into frames and fits hinges.

# HEAVY EQUIPMENT OPERATOR

### *Primary Purpose:*

Operates a variety of power construction equipment at the site of work, including but not limited to bulldozers, cranes, excavators, loaders, power shovels, and scrapers. Classification is based on the specific type of equipment that is being operated.

## I) Heavy Equipment Operator Group 1 47-2073

### *Examples:*

Backhoe Operator, Engineering Equipment Operator, Equipment Operator, Heavy Equipment Operator, Loader Operator, Machine Operator, Motor Grader Operator, Operating Engineer, Operator, Trackhoe Operator, Pile-Driver, Paving Operator, Excavating & Loading Machine & Dragline Operator, Logging Equipment Operator, Bulldozer, Chipper Operator, Debarker Operator

### *Typical Tasks:*

- Adjust handwheels and depress pedals to control attachments, such as blades, buckets, scrapers, or swing booms.
- Start engines, move throttles, switches, or levers, or depress pedals to operate machines, such as bulldozers, trench excavators, road graders, or backhoes.
- Coordinate machine actions with other activities, positioning or moving loads in response to hand or audio signals from crew members.
- Load and move dirt, rocks, equipment, or other materials, using trucks, crawler tractors, power cranes, shovels, graders, or related equipment.
- Drive and maneuver equipment equipped with blades in successive passes over working areas to remove topsoil, vegetation, or rocks or to distribute and level earth or terrain.
- Align machines, cutterheads, or depth gauge makers with reference stakes and guidelines or ground or position equipment, following hand signals of other workers.
- Operate tractors or bulldozers to perform such tasks as clearing land, mixing sludge, trimming backfills, or building roadways or parking lots.
- Repair and maintain equipment, making emergency adjustments or assisting with major repairs as necessary.
- Connect hydraulic hoses, belts, mechanical linkages, or power takeoff shafts to tractors.
- Operate equipment to demolish or remove debris or to remove snow from streets, roads, or parking lots, to pull out stumps, rip asphalt or concrete, rough-grade properties, bury refuse, or perform general cleanup.
- Select and fasten bulldozer blades or other attachments to tractors, using hitches.
- Drive tractor-trailer trucks to move equipment from site to site.
- Operate compactors, scrapers, or rollers to level, compact, or cover refuse at disposal grounds.
- Operate road watering, oiling, or rolling equipment, or street sealing equipment, such as chip spreaders.
- Perform specialized work, using equipment such as pile drivers, dredging rigs, drillers, or concrete pumpers.

## II) Heavy Equipment Operator Group 2 53-7091

### *Examples:*

Crane Man, Crane Operator, Machine Operator, Mobile Crane Operator, Overhead Crane Operator, Port Crane Operator, Radio Control Crane Operator, Scrap Crane Operator, Woodyard Crane Operator, Electrical Traveling Overhead Crane Operator (ETOC Operator), Hoist Operator, Hoist man, Service Operator, Winch Derrick Operator, Conveyor Operator

### *Typical Tasks:*

- Move levers, depress foot pedals, or turn dials to operate equipment, cherry pickers, electromagnets, or other moving equipment for lifting, moving, or placing loads.
- Inspect cables or grappling devices for wear, and install or replace cables as needed.
- Load or unload bundles from trucks or move containers to storage bins, using moving equipment.
- Direct truck drivers backing vehicles into loading bays, and cover, uncover, or secure loads for delivery.
- Inspect bundle packaging for conformance to regulations or customer requirements and remove and batch packaging tickets.
- Operate compressed air, diesel, electric, gasoline, or steam-driven hoists or winches to control movement of cableways, cages, derricks, draglines, loaders, railcars, or skips.
- Move or reposition hoists, winches, loads and materials, manually or using equipment and machines such as trucks, cars, and hand trucks.
- Attach, fasten, and disconnect cables or lines to loads, materials, and equipment, using hand tools.
- Apply hand or foot brakes and move levers to lock hoists or winches.
- Oil winch drums so that cables will wind smoothly.
- Climb ladders to position and set up vehicle-mounted derricks.
- Repair, maintain, and adjust equipment using hand tools.

# INSULATION WORKER 47-2131

## *Primary Purpose:*

Line and cover structures with insulating materials. May work with batt, roll, or blown insulation materials.

Note: For insulating materials to pipes or ductwork, or other mechanical systems in order to help control and maintain temperature, see Asbestos Insulator/Fire Technician

## *Examples:*

Installer, Insulation Estimator, Insulation Installer, Insulator, Retrofit Installer, Warehouse Insulation Worker

## *Typical Tasks:*

- Read blueprints and select appropriate insulation, based on space characteristics and the heat retaining or excluding characteristics of the material.
- Measure and cut insulation for covering surfaces, using tape measures, handsaws, power saws, knives, or scissors.
- Cover and line structures with blown or rolled forms of materials to insulate against cold, heat, or moisture, using saws, knives, rasps, trowels, blowers, or other tools and implements.
- Fit, wrap, staple, or glue insulating materials to structures or surfaces, using hand tools or wires.
- Cover, seal, or finish insulated surfaces or access holes with plastic covers, canvas strips, sealants, tape, cement or asphalt mastic.
- Distribute insulating materials evenly into small spaces within floors, ceilings, or walls, using blowers and hose attachments, or cement mortars.
- Fill blower hoppers with insulating materials.
- Move controls, buttons, or levers to start blowers and regulate flow of materials through nozzles.
- Prepare surfaces for insulation application by brushing or spreading on adhesives, cement, or asphalt, or by attaching metal pins to surfaces.

# IRONWORKER 47-2221

## *Primary Purpose:*

Raises, places, installs, and erects all structural steel beams, columns, joists, and trusses, including prefabricated or pre-cast beams, to form completed structures and structural frameworks. Places and secures steel reinforcing bars (rebar) in concrete. Fabricates and installs ornamental ironwork, including metal window and door frames, handrails, stairs, and walkways.

## *Examples:*

Fitter / Welder, Iron Worker, Steel Fabricator, Steel Worker, Structural Steel Erector, Fence Metal Erector, Tower Hand Field Ironworker, Reinforced Ironworker, Rod Buster, Rodman, Steel Tier

## *Typical Tasks:*

- Sets and installs structural steel girders, beams, columns, rebar cages and mats, and other components to form buildings, bridges, towers, and other structures.
- Performs all work related to the signaling, rigging, hoisting, aligning, bolting, riveting, or welding of structural steel members.
- Loads, unloads, moves, and handles prefabricated steel, including rebar, at the site of work.
- Assembles hoisting equipment, machinery, and rigging, such as cables, pulleys, and hooks, used to move materials and equipment.
- Erects pre-engineered metal buildings, including the bolting of members, girts, and the installation of sheet metal siding, roofing, insulation, down spouts, gutters, and flashing.
- Positions and fastens steel bars in concrete to reinforce concrete, using wire, pliers, and welding or rod bending machinery; cuts steel bars to required lengths with tools or machinery; performs layout work related to the placement of steel bars.
- Attaches post-tensioning cables and pre-stressed cables at the site of work; performs work related to the tensioning and grouting of cables and the removal of excess cable.
- Fabricates and installs such ornamental metal as balconies, stairs, walkways, catwalks, handrails, fences, gates, and window and door frames.
- Erects and renovates wire and chain link fencing.
- Installs steel overhead doors in metal buildings.
- May install large industrial storage shelves.
- May spin suspension bridge cables or perform other related ironwork duties.

# LABORER/HELPER 47-2061

## *Primary Purpose:*

Performs a variety of tasks involving physical labor, including but not limited to digging, lifting, carrying, holding, mixing, spreading, cleaning, landscaping and tree trimming. It may also include the operation of equipment powered by air, electricity, or gas.

## *Examples:*

Construction Laborer, Construction Worker, Restoration Worker, Curb and Gutter Laborer, Drain Layer, Drop Crew Laborer, Helper, Laborer, Post Framer, Skill Laborer, Union Laborer, Landscaping Maintenance Worker, Tree Trimmer, Yardman

## *Typical Tasks:*

- **Applicator**: Sprays material such as water or steam through hoses to clean, coat, or seal surfaces such as utility lines or storage tanks.
- **Asphalt Raker and Aggregate Spreader (by hand)**: Mixes, pours, and spreads asphalt, gravel, and other materials using hand tools. Distributes asphaltic road-building materials evenly over road surface by raking.
- **Assistant and Tender to Craftsman**: Assists and tends craftsman engaged in construction, erection, installation, and repair of structures and fixtures by moving and lifting building materials, tools, and supplies. Hands materials, tools, and supplies to carpenters. Dismantles temporary wooden structures. Cleans materials, equipment, tools, and work areas.
- **Brush Cutter and Hand Timber Falling**: Removes brush, trees, vegetation, and debris by hand, using hand tools, and burning. Performs choker setter and splicer duties for timber removal. See "Power-Line Constructor" if tree trimming and/or removal is for power line construction or maintenance.
- **Chainsaw Operator (Timber)**: Operates power-driven chainsaw to clear areas of timber. Fells trees.
- **Chipping Gun Operator**: Feed and operate chipper with 2-4 inch log diameter capability (Pittsburgh or similar types).
- **Cleanup**: Cleans work area, tools, equipment, and materials, except when such work is performed by the classification using the tools, equipment, and materials.
- **Concrete Laborer**: Mixes concrete or cement, using portable mixer. Pours, places, spreads and cures concrete. Mixes cement products used in patching, grouting, or dry packing of concrete. Drives self-propelled buggy to transport concrete from mixer or source of supply to place of deposit. Cut concrete using hand-held concrete saw. Operates hand-guided vibratory compactor.
- **Demolition Worker:** Tears down and wrecks structures and moves demolished materials when material is to be scrapped, including charred material, using hand and power tools.
- **Drilling Worker**: Assists in setting up drills, sorting drill steel, and inserting drill steel into drill chuck. May operate drills (air track, cat drill, wagon drill, and similar types).
- **Grade Checker**: Checks grade for site work. May use GPS and/or Laser.
- **Erosion Control**: Creates a physical barrier, such as vegetation or rock, sediment basins, and silt fences using hand tools.
- **Flagger**: Controls the movement of vehicular traffic through a construction project using sign, hand, and flag signals, warning paddles, and radio communication. Delivers, sets-up, maintains and removes temporary traffic control devices.
- **Firewatcher**: Carries out fire watch duties (watching for sparks when welding is done); may carry out confined space (hole) watch and equipment spotter duties.
- **Fine Grade and Leveling**: Uses hand and hand-held power tools for fine grade and leveling.

- **Form Stripper and Preparation**: Strips forms and form materials used for pouring concrete when forms or form materials are to be discarded. Also cleans, prepares, and oils all reusable forms. See "Carpenter" for the removal and repair of reusable forms.
- **Furniture Installation**: Installs and moves free standing furniture not attached to floors, ceilings or walls.
- **Guard Rails, Median Rails, Guide Posts, Reference Posts, and Right of Way Markers**: Erects, removes, and repairs rails.
- **Hazardous Material (Hazmat Remediation):** Removes regulated materials such as asbestos from mechanical systems (including but not limited to pipes, boilers, ducts, flues, breaching, grease ducts, and acid ducts) to be scrapped and any non-mechanical insulation (including walls, ceilings, floors, and beams). Loads regulated materials that have been removed, bagged, and tagged. Cleans site of removal activities. See "Asbestos Worker" for removal of regulated materials from mechanical systems that will not be scrapped.
- **Landscaping Worker:**
  - ✓ Performs seeding, planting, mulching, land clearing, and topsoil spreading by the use of hand tools.
  - ✓ Mixes and spreads ground covers, soil amendments, decorative bark or decorative rock.
  - ✓ Using hand tools and power equipment with less than 90 horsepower, clears land of surface vegetation, trenches to a maximum depth of three feet below finish grade, hydroseeds, and applies chemicals and fertilizers.
  - ✓ Tills, spreads, and grades topsoil.
  - ✓ Establishes lawns and plants trees, shrubs, and plants.
  - ✓ Installs, services, or replaces aboveground and underground lawn or landscape irrigation systems.
  - ✓ Installs French drains or other subsurface water collection systems to a maximum depth of three feet below finish grade.
  - ✓ Installs, services, or repairs low voltage outdoor landscape lighting and irrigation valves.
  - ✓ Assembles or places pre-manufactured and custom fabrication trelliswork, play equipment, benches and picnic tables.
- **Material Yard Man**: Lifts and moves building materials, including loading, unloading, and stockpiling, except when such work is performed by the classification installing the materials.
- **Nozzleman**: Controls a hose or nozzle equipment and directs the placement of concrete, mortar, gunite or shotcrete.
- **Pavers**: Lays concrete, granite and brick pavers in beds of sand and dry pack.
- **Pipe:** Dopes and wraps pipe. Assists sewer pipefitter. Sets up, inserts, and removes remote equipment, and hands material to pipe layer.
- **Post Hole Digging**: Digs post holes using tools driven by hand, air, gas, or electric power.
- **Power Tool Worker**: Uses power tools to perform such work as breaking old pavement or large rocks, or loosens or digs hard earth using jackhammer, chipping gun, and paving breakers. See "Power-Line Constructor" for activities related to power line construction or maintenance.
- **Pressure Washing**: Uses pressurized water equipment to clean surfaces.
- **Retaining Wall Installer**: Dry stacks cement blocks, stone, and other stackable materials (no mortar).
- **Rip Rap and Gabion Baskets**: Places baskets and stones by hand.
- **Roof Removal:** Removes roof, including the cleaning up and handling of roofing material, when at least one new story is added or in demolition work, where no reroofing will occur. See "Roofer" for the removal of roof and roofing materials that is not related to demolition or the addition of at least one new story.
- **Self-propelled Buggy Driver**: Transports concrete or other material from mixer or source of supply to place of deposit. See "Heavy Truck Driver" for power-operated concrete buggy driver.
- **Signalman**: Signals operators of construction equipment to facilitate alignment, movement, and adjustment of machinery to conform to grade specifications.

- **Shoring Erector**: Erects and dismantles shoring for the protection of workers in all types of excavations or trenches.
- **Stake Setter, Grade Setter and Rodman (Survey Crew):** Measures distances from grade stakes; sets stakes; and stretches string line on survey crews.
- **Toolroom, Dryshack Person**: Tends these areas located at the job site.
- **Tugger:** Operates tugger.
- **Tunnel and Shaft Work**: Performs underground tunnel and shaft work, including but not limited to drilling, laying tracks, loading and removing debris, operating laser guidance equipment, preparing blasting material and holes for explosives, scaling, and shotcreting.
- **Weightman:** Weighs materials using batching scales and discharges materials from weighing bin into mixer truck or other kind of carriers.

# LATHER, CEILING & DRYWALL INSTALLER 47-2081

## I) Lather & Ceiling Installer

### *Primary Purpose:*
Fastens wooden, metal or rock-board lath to walls, ceilings and partitions of buildings and structures in order to provide a supporting base for plaster, fireproofing or acoustical material by using hand and portable power tools. Mounts acoustical or egg crate tile to walls and ceilings of buildings and structures to reduce reflection of sound and to decorate rooms.

### *Examples:*
Ceiling Installer, Exterior Interior Specialist, Metal Framer, Metal Stud Framer, Sheetrock Hanger, Sheetrock Installer, Acoustic Carpenter, Lather

### *Typical Tasks:*
- Erects horizontal metal framework to which lath is fastened using nails, bolts and stud gun.
- Wires, nails, clips or staples lath to framework, ceiling joists, and flat concrete surfaces.
- Bends metal lath to fit corners or attaches preformed corner reinforcements.
- Wires plasterer's channels to overhead structural framework to provide support for plaster or acoustical ceiling tile.
- May install metal casings around openings, metal window stools and metal trim and plaster grounds (wood or metal strips) nailed to studding to provide guide for plasterer.
- Cuts angle iron and channel iron to specified size and suspends angle iron grid and channel iron from ceiling, using wire. Trims rough edges from wallboard to maintain even joints.
- Mounts tile either by applying a cement adhesive or by nailing, screwing, stapling, or wire-tying the lath directly to the structural framework.
- Nails or screws molding to wall to support and seal joint between ceiling tile and wall.
- Scribes and cuts edges of tile to fit wall where wall molding is not specified.
- Drives hanger inserts into reinforced concrete ceiling.

## II) Drywall Installer

### *Primary Purpose:*
Applies wallboard that requires tape and finish to ceilings and interior walls using hand and portable tools. Seals corners, joints, angles, and fastener heads in gypsum wallboard assemblies to prepare wall surface for painting, papering, soundproofing or fire control purposes.

Note: **Drywall Taper** who installs tape-on and other metal molding at corners, joints, and angles, as necessary to achieve a specified finish, is classified in **Painter 47-2141**

### *Examples:*
Drywall Installer, Drywall Finisher, Drywall Hanger, Drywall Mechanic

### *Typical Tasks:*
- Installs wallboard using screws, nails, and glue to interior walls and ceilings.
- Fits and fastens wallboard or drywall into position on wood or metal frameworks using lifts or hoists to adjust panel height when necessary.
- Embeds tape in joint compound and coats over all joints, angles, and fastener heads, and trims using hand tools and automatic taping tools.

- Countersinks nails or screws below surfaces of walls before applying sealing compounds, using hammers or screwdrivers.
- Sands rough spots of dried cement between applications of compounds.
- Fills cracks and holes in walls and ceiling with sealing compound.

# MECHANIC 49-3042

## *Primary Purpose:*

Diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, conveyors, and other mobile heavy equipment used in construction.

## *Examples:*

Millwright, Machinist, Construction Equipment Mechanic, Diesel Mechanic, Equipment Technician, Field Mechanic, Field Service Technician, Field Technician, Heavy Equipment Mechanic, Heavy Equipment Technician, Mechanic, Mobile Heavy Equipment Mechanic

## *Typical Tasks:*

- Repair and replace damaged or worn parts.
- Dismantle and reassemble heavy equipment using hoists and hand tools.
- Operate and inspect machines or heavy equipment to diagnose defects.
- Test mechanical products and equipment after repair or assembly to ensure proper performance and compliance with manufacturers' specifications.
- Clean, lubricate, and perform other routine maintenance work on equipment and vehicles.
- Read and understand operating manuals, blueprints, and technical drawings.
- Overhaul and test machines or equipment to ensure operating efficiency.
- Fit bearings to adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment.
- Diagnose faults or malfunctions to determine required repairs, using engine diagnostic equipment such as computerized test equipment and calibration devices.
- Examine parts for damage or excessive wear, using micrometers and gauges. Repair, rewire, and troubleshoot electrical systems.
- Adjust, maintain, and repair or replace subassemblies, such as transmissions and crawler heads, using hand tools, jacks, and cranes.
- Weld or solder broken parts and structural members, using electric or gas welders and soldering tools.
- Assemble gear systems, and align frames and gears.
- Fabricate needed parts or items from sheet metal.
- Perform welding to assemble, install, or fasten machines and equipment.

# PAINTER 47-2141

## *Primary Purpose:*

Paints walls, equipment, buildings, bridges, and other structural or decorative surfaces, using brushes, rollers, spray guns, and trowels. Applies wall coverings and fabrics. As "Commercial Painter," performs painting work upon or within sheltered enclosures having the purpose of housing persons, machinery, equipment, or supplies, including but not limited to schools, institutional buildings, detention facilities, fire and police stations, court houses, office buildings, commercial buildings, and other types of building structures. As "Industrial Painter," performs painting work upon or within structures or facilities that have been established or constructed for industrial, transportation, energy, or sanitation purposes, including but not limited to treatment plants, pipelines, bridges, towers, dams, power facilities, shipyards, and other similar structures, all of which contain extensive use of metal components in their construction.

## *Examples:*

Facilities Painter, Highway Painter, Bridge Painter, Industrial Painter, Journeyman Painter, Maintenance Painter, Painter, Drywall Taper

## *Typical Tasks:*

- Applies paint, varnish, stain, enamel, lacquer, vinyl, wall coverings, and fabrics for acoustical stretch panels to decorate and protect interior and exterior surfaces, trimmings, and fixtures of buildings and structures, including the application of epoxy coating on floors and walls with brush, roller, spray equipment, or trowel.
- Removes old paint or other coatings from surfaces, using paint remover, scraper, wire brush, or handheld power tools, or by sandblasting or needle gunning; cleans, smoothens, and washes surfaces in preparation for painting, using sandpaper, brushes, or steel wool.
- Fills nail holes, cracks, and joints with caulk, putty, or other fillers.
- Tapes, masks, and covers surfaces to protect or contain them during painting.
- Mixes paints, oils, stains, varnishes, and lacquers to obtain desired color or consistency.

# PLUMBER/PIPEFITTER 47-2152

## *Primary Purpose:*

Fabricates, assembles, installs, alters, dismantles, and replaces pipe systems and related appurtenances (including but not limited to metal, plastic, ceramic, and composition) for the transportation of solids, liquids, or gases. Installs plumbing fixtures.

## *Examples:*

Equipment Service Associate (ESA), Fire Sprinkler Service Technician, Journeyman Pipefitter, Machine Repairman, Pipefitter, Pipe Welder, Sprinkler Fitter, Steamfitter Commercial Plumber, Drain Cleaner, Drain Technician, Journeyman Plumber, Master Plumber, Plumber, Plumber Gasfitter, Plumbing and Heating Mechanic, Service Plumber

## *Typical Tasks:*

- Fabricates, assembles, and installs piping and tubing systems that are to conduct water, steam, air, and other fluids, solids, or gases in and around buildings and structures, including hangers, restraints, and supports for such systems.
- Installs vacuum piping systems.
- Installs drainage and sewage lines (laterals) from buildings to the point of attachment to sewer mains.
- Installs distribution lines, including but not limited to oil and gas lines.
- Installs plumbing fixtures, including but not limited to sinks, faucets, drinking fountains, and commodes, water closets, medical gas, backflow devices, and residential fire sprinkler systems that connect into potable water systems. See "Sprinkler Fitter" for the installation of residential fire sprinkler systems that do not connect to the plumbing system.
- Installs piping systems for refrigeration, cooling, and heating equipment, including but not limited to compressors, pumps, tanks, gauges, valves, tubes, and pipes. See "Sheet Metal Worker" for the installation of sheet metal duct work.
- Cuts, threads, bends, connects, and secures pipes.
- Performs welding and burning which is incidental to the work of plumbing, pipefitting, or steam fitting.
- Handles and moves materials and equipment to be used by plumbers, pipefitters, and steamfitters.
- Dismantles piping systems to be replaced or reconditioned.

# POWER-LINE CONSTRUCTOR 49-9051

## *Primary Purpose:*

Installs, maintains, and repairs electrical distribution and transmission systems, including conduits, cables, wires, and related equipment. Erects, maintains, and repairs transmission poles (whether constructed of wood, metal, or other material) and light or heavy-duty transmission towers.
Excludes repairers of transformers and substation equipment and telephone and telegraph communications workers.

## *Examples:*

A Class Lineman, Class A Lineman, Electric Lineman, Electrical Lineman (Power), Electrical Lineworker, Journeyman Lineman, Lineman, Lineworker, Power Lineman, Certified Lineman Welder, Cable Splicer, Heavy Line Equipment Man, Pole Sprayer, Powderman/Blaster, Troubleshooter, Jackhammer Man

## *Typical Tasks:*

- Joins, splices, insulates, and terminates power cables which are designed to be used for voltages above 2,000.
- Joins, splices, insulates, and terminates gas or liquid-filled power cables when part of a distribution system outside of buildings.
- Erects, maintains, and repairs transmission poles, towers, and similar electrical structures for transmission and distribution power lines; performs welding related to such work.
- Climbs a pole or towers and installs wires, cables, transformers, insulators, and other electrical equipment.
- Operates equipment used primarily for erection of steel towers, steel poles, or wood high-line structures, when such equipment is capable of operating with 100 or more aggregate feet of boom. Equipment includes cranes, backhoes, clam shells, drag lines, and shovels. For operation of power equipment not related to the construction or maintenance of power lines, see "Heavy Equipment Operator."
- Applies preservative treatment to wood poles.
- Operates caterpillars, trucks equipped with winches or booms, hydraulically operated backhoes with or without front-end loaders, hydraulic mounted booms, and other such equipment to perform work related to power-line construction or maintenance. For operation of power equipment related to other purposes, see "Heavy Equipment Operator."
- Uses equipment to hoist steel and insulators to linemen or for sagging or stringing wire.
- Operates jackhammer to perform work related to power- line construction or maintenance.
- As Powderman, handles, places, and detonates explosives used for purposes of power-line construction or maintenance.
- Loads, unloads, and moves materials and equipment used for the construction of power lines.
- Manually digs and backfills pole holes, anchor holes, and trenches.
- Assists in framing and erecting poles, in making, installing, and pulling guys, and in assembling and erecting fixtures; workers in this group do not climb poles, towers, or ladders.
- May prune or trim treetops, limbs, branches and brush interfering with electrical power lines.
- May climb trees to reach branches to be trimmed, using climbing equipment or working from the bucket of an extended truck boom.
- May pull and cut brush from trees (does not perform any work in the air).
- May run the chipper and perform general clean up.
- May move equipment associated with tree trimming, such as the bucket truck, traffic control signs, dump trucks for chips.(See "Laborer/Helper")

# ROOFER 47-2181

## *Primary Purpose:*

Applies and installs roofing materials to roofs of commercial structures, using brushes, knives, punches, hammers, and other tools.

Note: Metal Roofing Mechanic or Sheet Metal Roofer is classified in Sheet Metal Worker 47-2211

## *Examples:*

Industrial Roofer, Residential Roofer, Roof Mechanic, Roof Service Technician, Roofer, Roofing Technician

## *Typical Tasks:*

- Installs roofing materials, including but not limited to asphalt, composition, slate, tile, and wood, and necessary metal flashing to make roof system watertight.
- Lays felt or paper beneath roofing material.
- Cuts, dresses, and punches roofing material.
- Installs damp resistant preparations when applied to roofs with mop, three-knot brush, roller, swab or spray system; applies elastomeric and elastoplastic coatings and membranes for roofing, damp-resistance, and waterproofing, using squeegee, trowel, roller, or spray equipment. For waterproofing of concrete or masonry, see "Cement Mason," and "Bricklayer/Stonemason."
- Tears off or removes roofs and roofing materials. See also "Laborer," for removal of roofs during demolition or when at least a single story is added to a structure.

# SHEET METAL WORKER 47-2211

## *Primary Purpose:*

Fabricates on site, assembles, installs, and replaces sheet metal products and equipment, including but not limited to control boxes, drainpipes, duct work, and furnace casings.

## *Examples:*

Field Installer, HVAC Installer (Heating, Ventilation, and Air Conditioning Installer), Journeyman Sheet Metal Worker, Sheet Metal Apprentice, Sheet Metal Fabricator, Sheet Metal Installer, Sheet Metal Layout Mechanic, Sheet Metal Mechanic, Sheet Metal Worker, Metal Roofing Mechanic, Sheet Metal Roofer

## *Typical Tasks:*

- Installs, repairs, and alters such assemblies as duct work for heating, ventilation, air-conditioning, and exhaust systems, rain gutters and down spouts, and furnace casings.
- Installs panels and structures for refrigeration equipment. See "Plumber/Pipefitter" for installation of refrigeration units or systems.
- Installs sheet metal roofing or siding materials, including application of insulation to siding prior to installation. See "Ironworker" for installation of sheet metal roofing or siding materials on pre-engineered metal buildings.
- Sets up and operates fabricating machines to cut, bend and straighten sheet metal.
- Shapes metal over anvils, blocks, or forms, using hammer.
- Operates soldering and welding equipment to join sheet metal parts; inspects, assembles, and smoothens seams and joints of burred surfaces.
- Removes sheet metal roofing when re-roofing with sheet metal materials will occur. See "Laborer," for removal of sheet metal roofing when re-roofing will not occur.

# SOFT FLOOR LAYER 47-2041

## *Primary Purpose:*

Applies blocks, strips or sheets of shock-absorbing, sound-deadening or decorative coverings including but not limited to soft tile, linoleum, carpet, rubber, and cork, and may also include pre-finished wood and laminate flooring and plastic laminates to floors, walls, and cabinets. Prepares and installs synthetic turf.

## *Examples:*

Carpet Installer, Carpet Layer, Carpet Mechanic, Commercial Floor Covering Installer, Floor Coverer, Floor Covering Installer, Floor Installation Mechanic, Flooring Installer, Installer

## *Typical Tasks:*

- Removes covering materials from base surfaces to prepare for installation of new covering materials.
- Sweeps, scrapes, sands, or chips dirt and irregularities from base surfaces, and fills cracks with putty, plaster, or cement grout to form smooth, clean foundations.
- Measures and cuts covering materials and such underlayment materials as felt or padding.
- Spreads adhesive cement over floors to secure underlayment material and to prevent covering from wearing at board joints.
- Fits devices for the attachment of covering materials, including fitting of metal edges, corners, and caps.
- Lays and installs underlayment, including self-leveling cementations underlayment and moisture barriers, and covering materials; rolls, presses, or stretches materials to produce smooth, finished surfaces.

# STRIPER OPERATOR – HIGHWAY & PARKING LOT 47-4051

## *Primary Purpose:*

Paints highway and parking structural surfaces of streets, highways, parking lots, airports, airfields, game courts, curbs, etc., using manually or mechanically propelled machines, brushes, rollers, and/or spray guns. Includes installation of any device or application of any material used in lieu of paint for traffic delineation, such as buttons, tapes, plastics, rumble bars, etc.

## *Examples:*

Highway Maintenance Technician/Worker, Marking Truck Driver, Road Striping Operator, Highway/Parking Striper, Line Striping Worker

## *Typical Tasks:*

- Applies and installs lines, arrows, bumpers, and paints curbs, etc.
- Paints and installs car stops, stop signs and any other type of sign installed for the purpose of regulating traffic on such surfaces.
- Installs plastic, metal or composition buttons or lines used instead of paint.
- Applies seal coating, slurry coating and other surface protection such as fog seal and latex based coal tar pitch emulsion used for the protection of the asphalt surface.
- Removes lines, sands using chemicals and hydro-blasting, works on paint and button.
- Manufactures and installs car stops, for example: metal, wood, concrete, plastic, etc., and similar traffic regulators.
- Manufactures, paints, stencils, services, repairs, places and removes traffic safety and control devices (barricades).
- Prepares and maintains surfaces as outlined above.
- Performs cleanup required in connection with highway and parking stripers' work.
- Marks out and grinds in rumble strips and recessed pavement markings using a machine designed exclusively for this purpose. For grinding pavement using heavy equipment, see "Heavy Equipment Operator Group 1."
- Transports, sets up, maintains and takes down variable message signs in work zones when the work is incidental to highway and parking stripers' work.

# TELECOMMUNICATION INSTALLER 49-2022

## *Primary Purpose:*

Installs, inspects, maintains, and repairs cables, devices, lines, and wires related to alarm, data communication, and telecommunication systems. (This classification may only be used for electrical work not exceeding 100VA in class II and III installations, as defined in Article 725 of the National Electrical Code).

## *Examples:*

Central Office Technician, Combination Technician, Communications Technician, Customer Service Technician (CST), Field Technician, Install / Repair Technician, Installer, Outside Plant Technician, Service Technician, Telecommunications Technician, Limited Electrician

## *Typical Tasks:*

- Assembles and installs such communication equipment as computer, data communication, telephone, and television cables, wiring, distribution frames, and related devices and enclosures.
- Installs security and fire alarm systems.

# TRUCK DRIVER- HEAVY & TRACTOR-TRAILER 53-3032

## *Primary Purpose:*

Drives a tractor-trailer combination or a truck with a capacity of at least three (3) tons to transport goods or materials, including but not limited to dump trucks, flat beds, and water wagons. Requires commercial driver's license.

## *Examples:*

Delivery Driver, Driver, Line Haul Driver, Log Truck Driver, Over the Road Driver (OTR Driver), Water Truck Driver, Road Driver, Semi Truck Driver, Tractor Trailer Operator, Truck Driver

## *Typical Tasks:*

- Drives and maneuvers vehicles to move or transport materials.
- Performs repairs and maintenance on vehicles.

# TRUCK DRIVER- LIGHT TRUCK & FORKLIFT OPERATOR 53-3033

## *Primary Purpose:*

Drive a light vehicle, such as a truck or van, with a capacity of less than 26,000 pounds Gross Vehicle Weight (GVW), primarily to deliver or pick up merchandise or to deliver packages. May load and unload vehicle.
Operate industrial trucks or tractors equipped to move materials around a storage yard or construction site

## *Examples:*

Bulk Delivery Driver, Delivery Driver, Driver, Route Driver, Service Provider, Truck Driver, Material Handler, Pilot Driver, Forklift Truck Operator, Checker Loader

## *Typical Tasks:*

- Pilot and navigate the oversized truck.
- Read maps and follow written or verbal geographic directions.
- Verify the contents of inventory loads against shipping papers.
- Load and unload trucks, vans, or automobiles.
- Drive vehicles with capacities under three tons to transport materials to and from specified destinations, such as railroad stations, plants, residences, offices, or within industrial yards.
- Perform emergency repairs, such as changing tires or installing light bulbs, fuses, tire chains, or spark plugs.
- Move levers or controls that operate lifting devices, such as forklifts, lift beams with swivel-hooks, hoists, or elevating platforms, to load, unload, transport, or stack material.
- Manually or mechanically load or unload materials from pallets, skids, platforms, cars, lifting devices, or other transport vehicles.
- Perform routine maintenance on vehicles or auxiliary equipment, such as cleaning, lubricating, recharging batteries, fueling, or replacing liquefied-gas tank.
- Move controls to drive gasoline- or electric-powered trucks, cars, or tractors and transport materials between loading, processing, and storage areas.
- Operate or tend automatic stacking, loading, packaging, or cutting machines.

# CROSS REFFERENCE

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| A Class Lineman | Power Line Constructor | 49-9051 | 28 |
| Acoustic Carpenter | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Acoustical Ceiling/Wall Sprayer | Painter | 47-2141 | 27 |
| Air Filtration Equipment Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Applicator | Laborer | 47-2061 | 23 |
| Applicator-Plaster | Plasterer & Stucco Mason | 47-2051 | 10 |
| Apprentice Carpenter | Carpenter | 47-2031 | 8 |
| Apprentice Electrician | Electrician | 47-2111 | 15 |
| Artisan Plasterer | Plasterer & Stucco Mason | 47-2051 | 10 |
| Asbestos Abatement Worker | Asbestos Abatement Worker | 47-4041 | 4 |
| Asbestos Remover (ARE to be scrapped) | Laborer | 47-2061 | 21 |
| Asbestos Remover (NOT to be scrapped) | Asbestos Abatement Worker | 47-4041 | 3 |
| Acoustical Sprayer | Painter | 47-2141 | 27 |
| Acoustical Tile Applicator | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Asphalt Burner Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Asphalt Extrusion Machine Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Asphalt Pug mill | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Asphalt Raker & Aggregate Spreader-by hand | Laborer | 47-2061 | 23 |
| Asphalt Roofing Installer | Roofer | 47-2181 | 30 |
| Assistant Engineer | Dredger | 53-7031 | 12 |
| Assistant Mate | Dredger | 53-7031 | 12 |
| Auger Oiler | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Automobile Glass Technician | Glazier | 47-2121 | 18 |
| Awning Installer | Carpenter | 47-2031 | 8 |
| Backhoe Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Ballast Tamper/Regulator/Multi-purpose Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Barrel Truck Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Bit Grinder | Laborer | 47-2061 | 23 |
| Blade Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Block Layer | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Block Mason | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Boatman | Dredger | 53-7031 | 12 |
| Boiler Mechanic | Boilermaker | 47-2011 | 6 |
| Boiler Technician | Boilermaker | 47-2011 | 6 |
| Boiler Welder | Boilermaker | 47-2011 | 6 |
| Boilermaker | Boilermaker | 47-2011 | 6 |
| Boilermaker Mechanic | Boilermaker | 47-2011 | 6 |
| Boilermaker Pipe Filler | Boilermaker | 47-2011 | 6 |
| Boilermaker Welder | Boilermaker | 47-2011 | 6 |
| Boom Man | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Boring Machine Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Brick Layer | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Brick Mason | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Brick & Block Mason | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Bridge Carpenter | Carpenter | 47-2031 | 8 |
| Bridge Painter | Painter | 47-2141 | 27 |
| Bridge Repair Crew Person | Carpenter | 47-2031 | 8 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Brush Cutter & Hand Timber | Laborer | 47-2061 | 23 |
| Bulk Delivery Driver | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Bulldozer | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Burglar/Fire Alarm Installer | Telecommunication Installer | 49-2022 | 34 |
| Cabinet Maker | Carpenter | 47-2031 | 8 |
| Cable (inside telecom system) Installer | Telecommunication Installer | 49-2022 | 34 |
| Cable Plow/Cableway Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Cable Splicer (Inside) | Electrician | 47-2111 | 15 |
| Cable Splicer (Outside) | Power Line Constructor | 49-9051 | 28 |
| Canal Trimmer | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Carpenter | Carpenter | 47-2031 | 8 |
| Carpet Installer | Soft Floor Layer | 47-2041 | 32 |
| Carpet Layer | Soft Floor Layer | 47-2041 | 32 |
| Carpet Mechanic | Soft Floor Layer | 47-2041 | 32 |
| Cat Drill Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Catwalks (metal) Fabricator/Installer | Ironworker | 47-2221 | 22 |
| Caulker | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Ceiling Installer | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Cement Finisher | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Cement Mason | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Central Office Technician | Telecommunication Installer | 49-2022 | 34 |
| Certified Lineman Welder | Power Line Constructor | 49-9051 | 28 |
| Chain Saw Operator | Laborer | 47-2061 | 23 |
| Challenger Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Checker Loader | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Chicago Boom Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Chipper Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Chipping Gun Operator | Laborer | 47-2061 | 23 |
| Choker Setter/Splicer | Laborer | 47-2061 | 23 |
| Class A Lineman | Power Line Constructor | 49-9051 | 28 |
| Cleanup man | Laborer | 47-2061 | 23 |
| Combination Technician | Telecommunication Installer | 49-2022 | 34 |
| Commercial Diver | Diver | 49-9092 | 11 |
| Commercial Floor Covering Installer | Soft Floor Layer | 47-2041 | 32 |
| Commercial Glazier | Glazier | 47-2121 | 18 |
| Commercial Insulator | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Communications Technician | Telecommunication Installer | 49-2022 | 34 |
| Concrete Carpenter | Carpenter | 47-2031 | 8 |
| Concrete Finisher | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Concrete Finisher, Cement | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Concrete Laborer | Laborer | 47-2061 | 23 |
| Construction Equipment Mechanic | Mechanic | 49-3042 | 26 |
| Construction Laborer | Laborer | 47-2061 | 23 |
| Construction Worker-Skilled | Carpenter | 47-2031 | 8 |
| Construction Worker | Laborer | 47-2061 | 23 |
| Control Electrician | Electrician | 47-2111 | 15 |
| Conveyor Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Crane Man | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Curb & Gutter Laborer | Laborer | 47-2061 | 23 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Customer Service Technician (CST) | Telecommunication Installer | 49-2022 | 34 |
| Debarker Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Decommissioning Operator | Asbestos Abatement Worker | 47-4041 | 4 |
| Delivery Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Delivery Driver-Light Truck | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Demolition Worker | Laborer | 47-2061 | 23 |
| Derrick Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Diesel Mechanic | Mechanic | 49-3042 | 26 |
| Dive Tender | Diver | 49-9092 | 11 |
| Diver | Diver | 49-9092 | 11 |
| Diver Supervisor | Diver | 49-9092 | 11 |
| Drain Cleaner | Plumber/Pipefitter | 47-2152 | 29 |
| Drain Layer | Laborer | 47-2061 | 23 |
| Drain Technician | Plumber/Pipefitter | 47-2152 | 29 |
| Dredge Operator | Dredger | 53-7031 | 12 |
| Dredger | Dredger | 53-7031 | 12 |
| Drill Directional Locator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Driller Assistant | Laborer | 47-2061 | 23 |
| Drilling Worker | Laborer | 47-2061 | 23 |
| Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Driver-Light Truck | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Drop Crew Laborer | Laborer | 47-2061 | 23 |
| Dry shack Person | Laborer | 47-2061 | 23 |
| Drywall Finisher | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Drywall Hanger | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Drywall Installer | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Drywall Mechanic | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Drywall Taper | Painter | 47-2141 | 27 |
| Ductwork Repairer/Installer | Sheet Metal Worker | 47-2211 | 31 |
| Electric Lineman | Power Line Constructor | 49-9051 | 28 |
| Electrical Lineman (Power) | Power Line Constructor | 49-9051 | 28 |
| Electrical Line Worker | Power Line Constructor | 49-9051 | 28 |
| Electrical Material Handler | Electrician | 47-2111 | 15 |
| Electrical Traveling Overhead Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Electrical Welder | Electrician | 47-2111 | 15 |
| Electrician | Electrician | 47-2111 | 15 |
| Elevator Adjuster | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Constructor | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Feeder | Laborer | 47-2061 | 23 |
| Elevator Mechanic | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Repair & Maintenance Technician | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Service Mechanic | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Service Technician | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Serviceman | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Technician | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Elevator Troubleshooter | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Engineering Equipment Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Epoxy Toping Installer | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Equipment Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Equipment Service Associate (ESA) | Plumber/Pipefitter | 47-2152 | 29 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Equipment Technician | Mechanic | 49-3042 | 26 |
| Erosion Control Specialist | Laborer | 47-2061 | 23 |
| Escalator Service Mechanic | Elevator Constructor & Mechanic | 47-4021 | 16 |
| Excavating & Loading Machine & Dragline Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Exterior Interior Specialist | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Facilities Painter | Painter | 47-2141 | 27 |
| Fence Metal Erector | Ironworker | 47-2221 | 22 |
| Fiber Optics Cable Installer | Telecommunication Installer | 49-2022 | 34 |
| Field Installer | Sheet Metal Worker | 47-2211 | 31 |
| Field Mechanic | Mechanic | 49-3042 | 26 |
| Field Service Technician | Mechanic | 49-3042 | 26 |
| Field Technician | Mechanic | 49-3042 | 26 |
| Field Technician | Telecommunication Installer | 49-2022 | 34 |
| Fill Equipment Operator | Dredger | 53-7031 | 12 |
| Fine Grade & Leveling | Laborer | 47-2061 | 23 |
| Finisher | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Finisher-Drywall | Painter | 47-2141 | 27 |
| Fire Sprinkler Service Technician | Plumber/Pipefitter | 47-2152 | 29 |
| Fireman | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Fireman (Dredging) | Dredger | 53-7031 | 12 |
| Firewatcher | Laborer | 47-2061 | 23 |
| Fitter/Welder | Ironworker | 47-2221 | 22 |
| Flagger | Laborer | 47-2061 | 23 |
| Flagging Traffic | Laborer | 47-2061 | 23 |
| Floating Pump (Dredging) | Dredger | 53-7031 | 12 |
| Floor Coverer | Soft Floor Layer | 47-2041 | 32 |
| Floor Covering Installer | Soft Floor Layer | 47-2041 | 32 |
| Floor Installation Mechanic | Soft Floor Layer | 47-2041 | 32 |
| Flooring Installer | Soft Floor Layer | 47-2041 | 32 |
| Forklift Truck Operator | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Form Carpenter | Carpenter | 47-2031 | 8 |
| Form Stripper and Preparation | Laborer | 47-2061 | 23 |
| Framer | Carpenter | 47-2031 | 8 |
| Furniture Installation | Laborer | 47-2061 | 23 |
| Glass Installer | Glazier | 47-2121 | 18 |
| Glass Technician | Glazier | 47-2121 | 18 |
| Glazer | Glazier | 47-2121 | 18 |
| Glazier | Glazier | 47-2121 | 18 |
| Grade Checker | Laborer | 47-2061 | 23 |
| Grade Setter (Survey Crew) | Laborer | 47-2061 | 23 |
| Grout Plant/Machine Operator (Concrete) | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Grout Man (Cement) | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Heavy Equipment Technician | Mechanic | 49-3042 | 26 |
| Hammer Operator (Pile driver) | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Hazmat Technician | Asbestos Abatement Worker | 47-4041 | 4 |
| Heat and Frost Insulator | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Heavy Equipment Mechanic | Mechanic | 49-3042 | 26 |
| Heavy Equipment Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Heavy Line Equipment Man | Power Line Constructor | 49-9051 | 28 |
| Helicopter Operator( used in erecting work) | Heavy Equipment Operator Group 2 | 53-7091 | 20 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Helper | Laborer | 47-2061 | 23 |
| Highway Maintenance Technician/Worker | Striper Operator-Highway & Parking Lot | 47-4051 | 33 |
| Highway Painter | Painter | 47-2141 | 27 |
| Highway Tabbing/Line Painter | Striper Operator-Highway & Parking Lot | 47-4051 | 33 |
| Highway/Parking Striper | Striper Operator-Highway & Parking Lot | 47-4051 | 33 |
| Hoist Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Hoist Man | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| HVAC Installer (Heating, Ventilation, and Air Conditioning Installer) | Sheet Metal Worker | 47-2211 | 31 |
| Industrial Electrician | Electrician | 47-2111 | 15 |
| Industrial Insulator | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Industrial Lift Truck | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Industrial Painter | Painter | 47-2141 | 27 |
| Industrial Roofer | Roofer | 47-2181 | 30 |
| Inside Wireman | Electrician | 47-2111 | 15 |
| Install/Repair Technician | Telecommunication Installer | 49-2022 | 34 |
| Insulation Estimator | Insulation Worker | 47-2131 | 21 |
| Insulation Helper | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Insulation Installer | Insulation Worker | 47-2131 | 21 |
| Insulation Mechanic | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Insulation Technician | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Insulation Worker | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Insulator | Insulation Worker | 47-2131 | 21 |
| Iron Worker | Ironworker | 47-2221 | 22 |
| Jackhammer Man (Line Construction) | Power Line Constructor | 49-9051 | 28 |
| Jackhammer Operator | Laborer | 47-2061 | 23 |
| Journeyman Carpenter | Carpenter | 47-2031 | 8 |
| Journeyman Electrician | Electrician | 47-2111 | 15 |
| Journeyman Glazier | Glazier | 47-2121 | 18 |
| Journeyman Lineman | Power Line Constructor | 49-9051 | 28 |
| Journeyman Painter | Painter | 47-2141 | 27 |
| Journeyman Pipefitter | Plumber/Pipefitter | 47-2152 | 29 |
| Journeyman Plumber | Plumber/Pipefitter | 47-2152 | 29 |
| Journeyman Sheet Metal Worker | Sheet Metal Worker | 47-2211 | 31 |
| Journeyman Wireman | Electrician | 47-2111 | 15 |
| Laborer | Laborer | 47-2061 | 23 |
| Landscaping Maintenance Worker | Laborer | 47-2061 | 23 |
| Lather | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Lever-man | Dredger | 53-7031 | 12 |
| Lightning Maintenance Worker | Electrician | 47-2111 | 15 |
| Limited Electrician | Telecommunication Installer | 49-2022 | 34 |
| Line Haul Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Line Striping Worker | Striper Operator-Highway & Parking Lot | 47-4051 | 33 |
| Lineman | Power Line Constructor | 49-9051 | 28 |
| Line Worker | Power Line Constructor | 49-9051 | 28 |
| Loader Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Log Truck Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Logging Equipment Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Machine Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Machine Repairman | Plumber/Pipefitter | 47-2152 | 29 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Machinist | Mechanic | 49-3042 | 26 |
| Maintenance Electrician | Electrician | 47-2111 | 15 |
| Maintenance Painter | Painter | 47-2141 | 27 |
| Marble Setter | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Marking Truck Driver | Striper Operator-Highway & Parking Lot | 47-4051 | 33 |
| Mason-Brick | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Mason-Cement | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Master Glazier | Glazier | 47-2121 | 18 |
| Master Plumber | Plumber/Pipefitter | 47-2152 | 29 |
| Material Handler | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Material Yardman | Laborer | 47-2061 | 23 |
| M-brick, Mosaic Applicator | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Mechanic | Mechanic | 49-3042 | 26 |
| Mechanic Insulator | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Mechanical Insulator | Asbestos Insulator/Fire Stop Technician | 47-2132 | 5 |
| Mechanical Trades Specialist | Electrician | 47-2111 | 15 |
| Metal Framer | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Metal Roofing Mechanic | Sheet Metal Worker | 47-2211 | 31 |
| Metal Stud Framer | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Millwright | Mechanic | 49-3042 | 26 |
| Mobile Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Mobile Heavy Equipment Mechanic | Mechanic | 49-3042 | 26 |
| Motor Grader Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Motorman (Locomotive) | Laborer | 47-2061 | 23 |
| Non Destructive Testing Under Water Welder | Diver | 49-9092 | 11 |
| Nozzleman | Laborer | 47-2061 | 23 |
| Nuclear Waste Handler | Asbestos Abatement Worker | 47-4041 | 4 |
| Operating Engineer | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Ornamental Installer (Ironwork) | Ironworker | 47-2221 | 22 |
| Ornamental Installer (Plaster) | Cement Mason/Plasterer/Stucco Mason | 47-2051 | 10 |
| Outside Journeyman | Electrician | 47-2111 | 15 |
| Outside Plant Technician | Telecommunication Installer | 49-2022 | 34 |
| Over the Road Driver (OTR Driver) | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Overhead Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Painter | Painter | 47-2141 | 27 |
| Paver | Laborer | 47-2061 | 23 |
| Paving Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Pile-Driver | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Pilot Car Driver | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Pipe Layer Helper | Laborer | 47-2061 | 23 |
| Pipe Welder | Plumber/Pipefitter | 47-2152 | 29 |
| Pipefitter | Plumber/Pipefitter | 47-2152 | 29 |
| Plaster Mechanic | Plasterer & Stucco Mason | 47-2051 | 10 |
| Plasterer Journeyman | Plasterer & Stucco Mason | 47-2051 | 10 |
| Plastering Contractor | Plasterer & Stucco Mason | 47-2051 | 10 |
| Plumber | Plumber/Pipefitter | 47-2152 | 29 |
| Plumber Gasfitter | Plumber/Pipefitter | 47-2152 | 29 |
| Plumbing and Heating Mechanic | Plumber/Pipefitter | 47-2152 | 29 |
| Pole Sprayer | Power Line Constructor | 49-9051 | 28 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Port Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Post Framer | Laborer | 47-2061 | 23 |
| Post Hole Digging | Laborer | 47-2061 | 23 |
| Pot Rammer Operator (Pumps) | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Powderman/Blaster | Power Line Constructor | 49-9051 | 28 |
| Power Lineman | Power Line Constructor | 49-9051 | 28 |
| Power Tool Worker | Laborer | 47-2061 | 23 |
| Pressure Washer | Laborer | 47-2061 | 23 |
| Qualified Craft Worker | Electrician | 47-2111 | 15 |
| Quality Control Patch-Man | Plasterer & Stucco Mason | 47-2051 | 10 |
| Radio Control Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Radiological Controller | Asbestos Abatement Worker | 47-4041 | 4 |
| Rails Repairman/Erector | Laborer | 47-2061 | 23 |
| Rebar | Ironworker | 47-2221 | 22 |
| Reinforced Ironworker | Ironworker | 47-2221 | 22 |
| Residential Roofer | Roofer | 47-2181 | 30 |
| Restoration Worker | Laborer | 47-2061 | 23 |
| Retaining Wall Installer | Laborer | 47-2061 | 23 |
| Retrofit Installer | Insulation Worker | 47-2131 | 21 |
| Ribbon Setter | Laborer | 47-2061 | 23 |
| Rigger | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Rip Rap and Gabion Basket | Laborer | 47-2061 | 23 |
| Road Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Road Striping Operator | Striper Operator-Highway & Parking Lot | 47-4051 | 33 |
| Rod Buster | Ironworker | 47-2221 | 22 |
| Rodman | Ironworker | 47-2221 | 22 |
| Rodman (Survey Crew) | Laborer | 47-2061 | 23 |
| Roof Mechanic | Roofer | 47-2181 | 30 |
| Roof Remover | Laborer | 47-2061 | 23 |
| Roof Service Technician | Roofer | 47-2181 | 30 |
| Roofer | Roofer | 47-2181 | 30 |
| Roofing Technician | Roofer | 47-2181 | 30 |
| Rough Carpenter | Carpenter | 47-2031 | 8 |
| Route Driver | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Safety Technician | Asbestos Abatement Worker | 47-4041 | 4 |
| Salvage Diver | Diver | 49-9092 | 11 |
| Scaffold Tender | Laborer | 47-2061 | 23 |
| Scaffolding Self-Propelled Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Scrap Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Self-propelled Buggy Driver | Laborer | 47-2061 | 23 |
| Semi-Truck Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Service Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Service Plumber | Plumber/Pipefitter | 47-2152 | 29 |
| Service Provider | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |
| Service Technician | Boilermaker | 47-2011 | 6 |
| Service Technician | Telecommunication Installer | 49-2022 | 34 |
| Sheet Metal Apprentice | Sheet Metal Worker | 47-2211 | 31 |
| Sheet Metal Fabricator | Sheet Metal Worker | 47-2211 | 31 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Sheet Metal Installer | Sheet Metal Worker | 47-2211 | 31 |
| Sheet Metal Layout Mechanic | Sheet Metal Worker | 47-2211 | 31 |
| Sheet Metal Mechanic | Sheet Metal Worker | 47-2211 | 31 |
| Sheet Metal Roofer | Sheet Metal Worker | 47-2211 | 31 |
| Sheet Metal Worker | Sheet Metal Worker | 47-2211 | 31 |
| Sheet Rock Applicator | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Sheetrock Hanger | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Sheetrock Installer | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Shoring Erector | Laborer | 47-2061 | 23 |
| Shuttle Car Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Signalman | Laborer | 47-2061 | 23 |
| Silt Fencing (Erosion Control) | Laborer | 47-2061 | 23 |
| Skill Laborer | Laborer | 47-2061 | 23 |
| Skipman | Laborer | 47-2061 | 23 |
| Sloper | Laborer | 47-2061 | 23 |
| Sprinkler Fitter | Plumber/Pipefitter | 47-2152 | 29 |
| Sprinkler Fitter Helper | Laborer | 47-2061 | 23 |
| Stake Setter (Survey Crew) | Laborer | 47-2061 | 23 |
| Steamfitter Commercial Plumber | Plumber/Pipefitter | 47-2152 | 29 |
| Steel Fabricator | Ironworker | 47-2221 | 22 |
| Steel Tier | Ironworker | 47-2221 | 22 |
| Steel Worker | Ironworker | 47-2221 | 22 |
| Stonemason | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Storm water System Installer | Plumber/Pipefitter | 47-2152 | 29 |
| Structural Steel Erector | Ironworker | 47-2221 | 22 |
| Stucco Man | Plasterer & Stucco Mason | 47-2051 | 10 |
| Swimming Pool Plasterer | Plasterer & Stucco Mason | 47-2051 | 10 |
| Taper | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Telecommunications Technician | Telecommunication Installer | 49-2022 | 34 |
| Tender | Laborer | 47-2061 | 23 |
| Terrazzo Setter | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Tile Setter | Bricklayer/Stonemason/Marble Setter | 47-2021 | 7 |
| Tool room Attendant | Laborer | 47-2061 | 23 |
| Tower Hand Field Ironworker | Ironworker | 47-2221 | 22 |
| Track hoe Operator | Heavy Equipment Operator Group 1 | 47-2073 | 19 |
| Tractor Trailer Operator | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Tree Trimmer | Laborer | 47-2061 | 23 |
| Troubleshooter | Power Line Constructor | 49-9051 | 28 |
| Truck Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Truck Driver | Truck Driver-Light Truck & Forklift Operator | 53-3033 | 36 |

| Example | WV Job Title | Occ. Code | Page |
|---|---|---|---|
| Tugger | Laborer | 47-2061 | 23 |
| Tunnel and Shaft Worker | Laborer | 47-2061 | 23 |
| Union Carpenter | Carpenter | 47-2031 | 8 |
| Union Laborer | Laborer | 47-2061 | 23 |
| Vacuum Truck Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Wall Board Interior Installer | Lather/Ceiling Installer/Drywall Installer | 47-2081 | 13 |
| Wall Covering (Wallpaper) Applicator | Painter | 47-2141 | 27 |
| Warehouse Insulation Worker | Insulation Worker | 47-2131 | 21 |
| Waste Handling Technician | Asbestos Abatement Worker | 47-4041 | 4 |
| Water Truck Driver | Truck Driver-Heavy & Tractor-Trailer | 53-3032 | 35 |
| Weight man | Laborer | 47-2061 | 23 |
| Winch Derrick Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Wood yard Crane Operator | Heavy Equipment Operator Group 2 | 53-7091 | 20 |
| Yardman | Laborer | 47-2061 | 23 |