

US Skilled Trades SOC's | Defined by Lightcast - August 2026

SOC (6-Digit) Occupation

17-3021 Aerospace Engineering and Operations Technologists and Technicians	47-2132 Insulation Workers, Mechanical	47-5049 Underground Mining Machine Operators, All Other	49-3051 Motorboat Mechanics and Service Technicians	51-4022 Forging Machine Setters, Operators, and Tenders, Metal and Plastic	51-8021 Stationary Engineers and Boiler Operators
17-3022 Civil Engineering Technologists and Technicians	47-2141 Painters, Construction and Maintenance	47-5051 Rock Splitters, Quarry	49-9012 Control and Valve Installers and Repairers, Except Mechanical Door	51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	51-8031 Water and Wastewater Treatment Plant and System Operators
17-3023 Electrical and Electronic Engineering Technologists and Technicians	47-2142 Paperhangers	47-5071 Roustabouts, Oil and Gas	49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-8091 Chemical Plant and System Operators
17-3024 Electro-Mechanical and Mechatronics Technologists and Technicians	47-2151 Pipelayers	47-5081 Helpers--Extraction Workers	49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	51-8092 Gas Plant Operators
17-3026 Industrial Engineering Technologists and Technicians	47-2152 Plumbers, Pipefitters, and Steamfitters	47-5099 Extraction Workers, All Other	49-9041 Industrial Machinery Mechanics	51-4041 Machinists	51-8093 Petroleum Pump System Operators, Refinery Operators, and Gaugers
17-3027 Mechanical Engineering Technologists and Technicians	47-2161 Plasterers and Stucco Masons	49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers	49-9043 Maintenance Workers, Machinery	51-4051 Metal-Refining Furnace Operators and Tenders	51-8099 Plant and System Operators, All Other
17-3028 Calibration Technologists and Technicians	47-2171 Reinforcing Iron and Rebar Workers	49-2021 Radio, Cellular, and Tower Equipment Installers and Repairers	49-9044 Millwrights	51-4061 Model Makers, Metal and Plastic	51-9011 Chemical Equipment Operators and Tenders
47-1011 First-Line Supervisors of Construction Trades and Extraction Workers	47-2181 Roofers	49-2022 Telecommunications Equipment Installers and Repairers, Except Line Installers	49-9045 Refractory Materials Repairers, Except Brickmasons	51-4062 Patternmakers, Metal and Plastic	51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
47-2011 Boilermakers	47-2211 Sheet Metal Workers	49-2091 Avionics Technicians	49-9051 Electrical Power-Line Installers and Repairers	51-4071 Foundry Mold and Coremakers	51-9022 Grinding and Polishing Workers, Hand
47-2021 Brickmasons and Blockmasons	47-2221 Structural Iron and Steel Workers	49-2092 Electric Motor, Power Tool, and Related Repairers	49-9052 Telecommunications Line Installers and Repairers	51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	51-9041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
47-2022 Stonemasons	47-2231 Solar Photovoltaic Installers	49-2093 Electrical and Electronics Installers and Repairers, Transportation Equipment	49-9069 Precision Instrument and Equipment Repairers, All Other	51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	51-9051 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
47-2031 Carpenters	47-4011 Construction and Building Inspectors	49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment	49-9071 Maintenance and Repair Workers, General	51-4111 Tool and Die Makers	51-9071 Jewelers and Precious Stone and Metal Workers
47-2041 Carpet Installers	47-4021 Elevator and Escalator Installers and Repairers	49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-9081 Wind Turbine Service Technicians	51-4121 Welders, Cutters, Solderers, and Brazers	51-9123 Painting, Coating, and Decorating Workers
47-2042 Floor Layers, Except Carpet, Wood, and Hard Tiles	47-4041 Hazardous Materials Removal Workers	49-2096 Electronic Equipment Installers and Repairers, Motor Vehicles	49-9096 Riggers	51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	51-9124 Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
47-2043 Floor Sanders and Finishers	47-4061 Rail-Track Laying and Maintenance Equipment Operators	49-3011 Aircraft Mechanics and Service Technicians	49-9097 Signal and Track Switch Repairers	51-4192 Layout Workers, Metal and Plastic	51-9161 Computer Numerically Controlled Tool Operators
47-2044 Tile and Stone Setters	47-4098 Miscellaneous Construction and Related Workers	49-3021 Automotive Body and Related Repairers	49-9098 Helpers--Installation, Maintenance, and Repair Workers	51-4193 Plating Machine Setters, Operators, and Tenders, Metal and Plastic	51-9162 Computer Numerically Controlled Tool Programmers
47-2051 Cement Masons and Concrete Finishers	47-5011 Derrick Operators, Oil and Gas	49-3022 Automotive Glass Installers and Repairers	49-9099 Installation, Maintenance, and Repair Workers, All Other	51-4194 Tool Grinders, Filers, and Sharpeners	51-9191 Adhesive Bonding Machine Operators and Tenders
47-2053 Terrazzo Workers and Finishers	47-5012 Rotary Drill Operators, Oil and Gas	49-3023 Automotive Service Technicians and Mechanics	51-1011 First-Line Supervisors of Production and Operating Workers	51-7011 Cabinetmakers and Bench Carpenters	51-9194 Etchers and Engravers
47-2071 Paving, Surfacing, and Tamping Equipment Operators	47-5013 Service Unit Operators, Oil and Gas	49-3031 Bus and Truck Mechanics and Diesel Engine Specialists	51-2028 Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	51-7041 Sawing Machine Setters, Operators, and Tenders, Wood	51-9195 Molders, Shapers, and Casters, Except Metal and Plastic
47-2072 Pile Driver Operators	47-5022 Excavating and Loading Machine and Dragline Operators, Surface Mining	49-3041 Farm Equipment Mechanics and Service Technicians	51-2031 Engine and Other Machine Assemblers	51-8011 Nuclear Power Reactor Operators	
47-2073 Operating Engineers and Other Construction Equipment Operators	47-5023 Earth Drillers, Except Oil and Gas	49-3042 Mobile Heavy Equipment Mechanics, Except Engines	51-2041 Structural Metal Fabricators and Fitters	51-8013 Power Plant Operators	
47-2081 Drywall and Ceiling Tile Installers	47-5032 Explosives Workers, Ordnance Handling Experts, and Blasters	49-3043 Rail Car Repairers	51-2098 Miscellaneous Assemblers and Fabricators		
47-2082 Tapers	47-5032 Explosives Workers, Ordnance Handling Experts, and Blasters		51-4021 Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic		
47-2111 Electricians	47-5041 Continuous Mining Machine Operators				
47-2121 Glaziers	47-5043 Roof Bolters, Mining				
47-2131 Insulation Workers, Floor, Ceiling, and Wall	47-5044 Loading and Moving Machine Operators, Underground Mining				

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