

Sample of Relevant Maritime, Nuclear, and Aligned Manufacturing Roles

This table highlights a sample of manufacturing-related occupations relevant to maritime and nuclear industries, organized by occupational category. Each role includes a Standard Occupational Classification (SOC) code and links to O*NET Online, a federal resource that provides detailed information on job duties, skills, and training requirements. The list is intended as a reference tool to support workforce planning and needs assessment discussions and is not an exhaustive or prescriptive list.

Occupations	SOC Code
Architecture and Engineering Occupations	
Drafters, Engineering Technicians, and Mapping Technicians	
Drafters, All Other (incl. CAD)	17-3019.00
Electrical and Electronic Engineering Technologists and Technicians	17-3023.00
Industrial Engineering Technologists and Technicians	17-3024.00
Mechanical Engineering Technicians	17-3027.00
Engineers	
Electrical Engineers	17-2071.00
Electronics Engineers, Except Computer	17-2072.00
Environmental Engineers	17-2081.00
Industrial Engineers	17-2112.00
Marine Engineers and Naval Architects	17-2121.00
Materials Engineers	17-2131.00
Mechanical Engineers	17-2141.00
Nuclear Engineers	17-2161.00
Business and Financial Operations Occupations	
Business Operations Specialists	
Purchasing Agents, Except Wholesale, Retail, and Farm Products	13-1023.00
Compliance Officers	13-1041.00
Logisticians	13-1081.00
Project Management Specialists	13-1082.00
Computer and Mathematical Occupations	
Computer Occupations	
Computer Systems Analysts	15-1211.00
Network and Computer Systems Administrators	15-1244.00
Construction and Extraction Occupations	
Construction Trades Workers	
Electricians	47-2111.00
Plumbers, Pipefitters, and Steamfitters	47-2152.00
Sheet Metal Workers	47-2211.00
Installation, Maintenance, and Repair Occupations	
Electrical and Electronic Equipment Mechanics, Installers, and Repairers	
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	49-2095.00
Other Installation, Maintenance, and Repair Occupations	
Control and Valve Installers and Repairers, Except Mechanical Door	49-9012.00
Electrical Power-Line Installers and Repairers	49-9051.00
Industrial Machinery Mechanics	49-9041.00
Maintenance and Repair Workers, General	49-9071.00
Maintenance Workers, Machinery	49-9043.00
Millwrights	49-9044.00
Riggers	49-9096.00

Life, Physical, and Social Science Occupations

Life, Physical, and Social Science Technicians

Biological Technicians	19-4021.00
Chemical Technicians	19-4031.00
Environmental Science and Protection Technicians	19-4042.00
Nuclear Technicians	19-4051.00

Occupational Health and Safety Specialists and Technicians

Occupational Health and Safety Specialists	19-5011.00
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Management Occupations

Operations Specialties Managers

Industrial Production Managers	11-3051.00
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Other Management Occupations

Construction Managers	11-9021.00
Engineering Managers	11-9041.00

Top Executives

General and Operations Managers	11-1021.00
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Production Occupations

Assemblers and Fabricators

Structural Metal Fabricators and Fitters	51-2041.00
Team Assemblers	51-2092.00

Metal Workers and Plastic Workers

Machinists	51-4041.00
Multiple Machine Tool Setters / Operators	51-4081.00
Tool and Die Makers	51-4111.00
Welders, Cutters, Solderers, and Brazers	51-4121.00

Other Production Occupations

Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	51-9124.00
Computer Numerical Control (CNC) Tool Operators	51-9161.00
Inspectors, Testers, Sorters, Samplers, and Weighers	51-9061.00

Plant and System Operators

Power Distributors and Dispatchers	51-8012.00
Power Plant Operators	51-8013.00
Stationary Engineers and Boiler Operators	51-8021.00

Supervisors of Production Workers

First-Line Supervisors of Production and Operating Workers	51-1011.00
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Transportation and Material Moving Occupations

Material Moving Workers

Crane and Tower Operators	53-7021.00
Stockers and Order Fillers	53-7065.00

Water Transportation Workers

Captains, Mates, & Pilots of Water Vessels	53-5021.00
Ship Engineers	53-5031.00