

ALASKA'S OIL, GAS AND MINING PRIORITY OCCUPATIONS

ADMINISTRATIVE & PROFESSIONAL

Administrative Managers & Supervisors
 Accountants
 Administrative Aides
 Buyers/Procurement (Supply Chain Manager)
 Clerks
 Contract Specialists
 Document Controllers
 Human Resources
 Information Technology Systems
 Internal Auditors
 Payroll
 Secretaries

CAMPS & CATERING

Cooks / Prep Cooks
 Stewards
 Maintenance – Light

ENVIRONMENTAL

Cleaners (Industrial)
 Water/Waste Water Operators
 Archaeologists
 Biologists
 Geological Tech Engineers
 Hydrologists
 Water or Air Specialists

EQUIPMENT OPERATORS

Heavy Truck Drivers
Drill Operators
Mobile Equipment Operators
 Crane Operators

FIELD INSPECTORS

Non-Destructive Examiner
Health/Safety/Environment Inspector
 Civil Inspectors
 Coating Inspectors
 Electrical Inspectors
 Environmental Inspectors
 Instrumentation Inspectors
 Mechanical Inspectors
 Telecommunication Inspectors
 Welding Inspectors

HEALTH & SAFETY (H&S)

H & S Compliance
 Emergency Medical Technicians
 Fire Fighters
 Industrial Hygienists
 Paramedics

INDIRECT SERVICES

Marketing & Sales
 Teachers or Trainers

LOGISTICS

Airplane Pilots
 Barge Operators
 Bus Drivers
 Deckhands/Stevedores
 Divers
 Flag
 Flight Attendants
 Helicopter Pilots
 Light Truck Drivers

MATERIAL HANDLING

Warehouse Clerk
 Dispatchers
 Expeditors
 Fork Lift
 Freight Handlers
 Fueling Handlers
 Material Inspectors

OFFICE & FIELD ENGINEERS

Chemical Engineers
Civil Engineers
Electrical Engineers
Mechanical Engineers
Mining Engineers
Project Engineers
Project Managers
Petroleum Engineers
Geoscientists/Geologists
 Chemists
 Designers
 Drafters
 Geographic Information Systems Specialists
 Lab Technicians
 Schedulers/Planners
 Surveyors

OPERATIONS & MAINTENANCE

Carpenters
Electricians
Machinists & Millwrights
Maintenance General / Mining Mechanic
Operations Managers & Supervisors

Pipe Fitters
Drill Rig Operators
Instrumentation
Miners
Telecommunications
 Diesel Mechanics
 Heat and Frost Insulators
 Laborers/Nippers/Utilities Mechanics
 Painters
 Pipe Coaters
 Welders

PLANT & PRODUCTION OPERATORS

Mill Operators
Control Room Operator
Oil & Gas Operator
Process Technician
 Power Plant Operators

SECURITY

Guards/Watchmen
 Wildlife Control

Red Bold Underlined = Predicted Shortages

Blue Bold = Concern

Green = Available and Essential

ALASKA'S OIL, GAS AND MINING PRIORITY OCCUPATIONS

TIER ONE PRIORITY SHORTAGE

Shortages are projected to exist in these occupations through 2016. Employers may be unable to fill vacancies. Projects and work maybe halted or delayed due to these shortages.

Administrative Managers & Supervisors
 Carpenters
 Chemical Engineers
 Civil Engineers
 Control Room Operator
 Electrical Engineers
 Electricians
 Heavy Truck Drivers
 Health/ Safety/ Environment Inspector
 H & S Compliance
 Machinists & Millwrights
 Maintenance General / Mining Mechanic
 Mechanical Engineers
 Mining Engineers
 Oil and Gas Operator
 Operations Managers & Supervisors
 Petroleum Engineers
 Pipe Fitters
 Process Technician
 Project Engineers
 Project Managers

TIER TWO PRIORITY CONCERN

Employers are projected to find it increasingly difficult to fill these vacancies. Several variables indicate that if the flow of qualified workers in these labor pools does not increase, shortages will result.

Cooks/Prep Cooks
 Cleaners (Industrial)
 Drill Operators
 Drill Rig Operators
 Geoscientists/Geologists
 Instrumentation
 Mill Operators
 Miners
 Mobile Equipment Operators
 Marketing & Sales
 Stewards
 Teachers or Trainers
 Telecommunications
 Warehouse Clerk
 Water/Waste Water Operators

TIER THREE PRIORITY AVAILABLE

These occupations are essential to the oil, gas and mining industries. Employers currently do not experience significant difficulty in filling vacancies.

Accountants
 Administrative Aides
 Airplane Pilots
 Archaeologists
 Biologists
 Barge Operators
 Bus Drivers
 Buyers/Procurement
 Chemists
 Civil Inspectors
 Clerks
 Coating Inspectors
 Contract Specialists
 Crane Operators
 Deckhands/Stevedores
 Designers
 Diesel Mechanics
 Dispatchers
 Divers
 Document Controllers
 Drafters
 Electrical Inspectors
 Emergency Medical Technician

Environmental Inspectors
 Expeditors
 Fire Fighters
 Flag
 Flight Attendants
 Fork Lift
 Freight Handlers
 Fueling Handlers
 Geographic Information Systems Specialists
 Geological Tech Engineers
 Guards/Watchmen
 Helicopter Pilots
 Human Resources
 Hydrologists
 Industrial Hygienists
 Information Technology Systems
 Instrumentation Tech
 Instrumentation Inspectors
 Heat and Frost Insulators
 Internal Auditors
 Lab Technicians
 Laborers/Nippers/Utilities

Light Truck Drivers
 Maintenance – Light
 Material Inspectors
 Mechanical Inspectors
 Mechanics
 Non-Destructive Examiner
 Oil & Gas Operators
 Power Plant Operators
 Painters
 Paramedics
 Payroll
 Pipe Coater
 Schedulers/Planners
 Secretaries
 Supply Chain Managers
 Surveyors
 Telecom Inspectors
 Water or Air Specialists
 Welders
 Welding Inspectors
 Wildlife Control