

Occupational Health and Safety Technicians (29-9012)

Occupation description: Collect data on work environments for analysis by occupational health and safety specialists. Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	161	174	8.1	4	5	10
United States	18,100	19,900	10.1	400	500	1,080

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

Wages ?

Wage data is not available.

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
144	46	31.9	44.2	37.2

2016 Potential Supply

Qualified but working in another occupation	47
Currently employed in a lower paid occupation	13
UI claimants previously working in occupation	32

2016 ALEXsys Employment Data

Number of registrants	129
Number of job position postings	5
Ratio of registrants to job position postings	25.8

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: High school diploma or equivalent

Work experience: None

On-the-job training: Moderate-term on-the-job training

Training Resources

Degree

Hand and Power Tool Safety	
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Degree

ABC of Alaska (Anchorage)

Confined Space Entry	
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Electrical Hazards	
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Ergonomics	
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Excavations	
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Fall Protection	
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Fire Detection and Protection	
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Fire Prevention	
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Hazard Communication	
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Hazard Recognition Training, 16-Hour EM 385-1-1	
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Hazard Recognition Training, 40-Hour EM 385-1-1	
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Health Hazards in Construction	
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Introduction to OSHA - Construction	
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Introduction to OSHA - General Industry	
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Lockout and Tagout	
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Machine Guarding	
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OSHA 10-Hour Outreach for Construction	
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OSHA 10-Hour Outreach for General Industry	
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OSHA 30-Hour Outreach for Construction	
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OSHA 30-Hour Outreach for General Industry	
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OSHA 300 Record Keeping	
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Personal Protective Equipment	
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Rigging & Material Handling	
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Safety and Health Programs	
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Safety Programs and Subpart C	
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Scaffolds	
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Stairways and Ladders	
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Walking and Working Surfaces	
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Degree

Alaska Carpenters Training Trust (Anchorage)

Scaffold Erector	
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Degree**Alaska Petroleum Academy (Kenai)**

Confined Space Entry (8 Hours)	
Confined Space Rescue (16 Hours)	
Cook Inlet Training Standards/24 Hour Hazwoper	
Cook Inlet Training Standards/Hazwoper Refresher (8 Hours)	
Petroleum Chemical Health and Safety (16 Hours)	
Petroleum Chemical Health and Safety Refresher (8 Hours)	

Degree**Alaska Teamster-Employer Service Training Trust (Anchorage)**

Hazardous Material Transportation Specialist	
Mining Safety and Health Administration	
North Slope Training Cooperative	
OSHA 10 Hour General Construction	
OSHA 30 Hour General Construction	

Degree**Alaska West Training Center (Fairbanks)**

Fall Protection - S08	
Hazardous Materials Transportation Basic - HMT02	
Hazardous Materials Transportation by Air Basic - HMT04	
Hazardous Materials Transportation by Air Recurring - HMT05	
Hazardous Materials Transportation General Awareness - HMT01	
Hazardous Materials Transportation Infectious Substance - HMT10	
Hazardous Materials Transportation Recurring - HMT03	
Hazardous Materials Transportation Waste - HMT08	
Hydrogen Sulfide - H2S	
Permit Required Confined Space Entry - S01	
Permit Required Confined Space Entry and Fire Watch - S01a	
Permit Required Confined Space Rescue - S02	
Petroleum Technician - ER06	
Petroleum Workers Safety and Health - S05	
Transportation Specialist - ER10	
Unescorted Module - NSTC01	
Unescorted Module Update/Refresher - NSTC02	

Degree**American Health and Safety, LLC (Fairbanks)**

Aerial and Scissor Lift Training	
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Fall Protection	
OSHA 10 Hours	
OSHA 30 Hours	

AVTEC (Seward)	Degree
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Confined Space Entry/Rescue	
Shipyard Competent Person	

Beacon Occupational Health and Safety Services (Anchorage)	Degree
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Confined Space Entry (OSHA and NSTC Offered)	
Confined Space Rescue (OSHA)	
Cook Inlet Training Standards & Industrial Safety (CITS)	Certificate
Energy Isolation (NSTC and OSHA Offered)	
Fall Protection (NSTC and OSHA Offered)	
Hazard Communication (HAZCOM) & Globally Harmonized Systems (GHS)	
North Slope Training Cooperative (NSTC), Optional H2S/FES	Certificate
Respiratory Protection	

Center for Employment Education (Anchorage)	Degree
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Hazardous Materials Transportation Specialist	
Mining Safety and Health	
OSHA 10 hour	
OSHA 30 hour	
Transportation Awareness, 49 CFR 172.704	

Delta Mine Training Center (Delta Junction)	Degree
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Health, Safety, and Environmental Training	
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Embry-Riddle Aeronautical University (JBER)	Degree
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Occupational Safety Management	MS
Safety Management	BS

Environmental Management Inc (Anchorage)	Degree
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Asbestos Abatement Certification	Certificate
Confined Space Procedures	Certificate

EPA/AHERA Project Design Initial - 24 Hours	Certificate
EPA/AHERA Project Design Refresher	Certificate
Hazmat Transportation (IMDG) Initial - 12 Hours	Certificate
Hazmat Transportation (IMDG) Refresher - 8 Hours	Certificate
NSTC 6 PACK + H2S Module	Certificate
OSHA 10/30 Hour General Industry	
OSHA Construction Outreach - 10 Hours	Certificate
OSHA Construction Outreach - 30 Hours	Certificate
OSHA General Industry Outreach - 30 Hours	Certificate
Scaffold Safety and Fall Protection	Certificate
Trenching, Excavating & Shoring	Certificate

Ilisagvik College (Barrow)	
	Degree
Industrial Safety, Level 1	Endorsement
Scaffolding I	Endorsement

LTR Training Systems, Inc. (Anchorage)	
	Degree
Bear Awareness & Handgun Defense	
Confined Space Entry	
Confined Space Rescue	
Fall Protection - Basic/Authorized	
Fall Protection -Tower Climbing & Rescue	

Northern Industrial Training (Palmer)	
	Degree
Aerial Lift/008	
Certified Rigging Gear Inspector/010	
Confined Space Entry/011	
Confined Space Entry/011	
Energy Isolation - Lockout/Tag out/018	
Energy Isolation-Lockout/Tag Out/018	
Fall Protection Authorized User	
Fall Protection Competent Person / 015	
Fall Protection Introduction to Industrial Rescue/014	
Fall Protection, Introduction to Industrial Rescue/014	
Health, Safety & Environmental Technician (HSET)/064	
Lead Abatement Supervisor / 059	
Lead Abatement Worker Initial / 069	
Lead Inspector Refresher / 061	

Lead Risk Assessor Refresher / 062	
NSTC ASH Update / 003	
NSTC Confined Space Entry / 004	
NSTC Energy Isolation / 005	
NSTC Fall Protection / 006	
NSTC Hydrogen Sulfide (H2S) Module/002	
NSTC Respiratory Protection /007	
NSTC Unescorted/001	
OSHA 10 Hour Construction / 020 Training	
OSHA 10 Hour General Industry / 021	
OSHA 30 Hour Construction / 022	
OSHA 30 Hour General Industry / 023	
OSHA Aerial Platform - Manlift in Alaska	
PEC Premier Basic Orientation / 051	
PEC Premier Core Compliance / 052	

	Degree
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Partners for Progress in Delta, Inc (Delta Junction)

OSHA 10	
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	Degree
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Satori Group Inc (Anchorage)

Asbestos Contractor/Supervisor Initial	Certificate
Asbestos Contractor/Supervisor Refresher	Certificate
Confined Space Entry	Certificate
Fall Protection	
Hazard Communication	
OSHA Outreach Training, 10 Hour	Certificate
OSHA Outreach Training, 30 Hour	Certificate
Trenching and Excavation Competent Person Training	Certificate

	Degree
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TSS - The Safety Specialists (Ketchikan)

I'm A Supervisor... Now What?	
OSHA Compliance Training	

	Degree
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University of Alaska Anchorage (Anchorage)

Occupational Safety & Health	AAS
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	Degree
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University of Alaska Anchorage, Kenai (Soldotna)

Occupational Safety & Health	AAS
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Degree

University of Alaska Anchorage, Kodiak (Kodiak)

Industry Safety Program Support	CT1
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Degree

University of Alaska Fairbanks, CTC (Fairbanks)

Safety, Health & Environment Awareness Technician	CT2
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Degree

University of Alaska, Mining and Petroleum Training Service (Soldotna)

Confined Space Entry	
Mine Safety and Health Administration Part 48 Surface New Miner	
Mine Safety and Health Administration Part 48 Surface Refresher	
Mine Safety and Health Administration Part 48 Underground New Miner	
Mine Safety and Health Administration Part 48 Underground Refresher	
North Slope Training Consortium (NTSC)	

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