

Occupational Health and Safety Specialists (29-9011)

Occupation description: Review, evaluate, and analyze work environments and design programs and procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors. May conduct inspections and enforce adherence to laws and regulations governing the health and safety of individuals. May be employed in the public or private sector. Includes environmental protection officers.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	486	497	2.3	11	13	25
United States	83,700	90,500	8.1	1,900	2,400	4,980

Job outlook

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

2018 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	36.03	20.41	26.95	35.11	43.76	52.17
Alaska	41.80	26.33	32.01	40.72	50.05	58.76
Anchorage/Mat-Su Area	39.20	25.59	31.51	37.91	46.82	53.87
Fairbanks North Star Borough	41.37	29.23	38.10	42.65	46.90	50.07
Balance of State	43.78	26.62	31.22	41.70	53.71	60.42

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
410	105	25.6	52.8	39.7

2016 Potential Supply

Qualified but working in another occupation	125
Currently employed in a lower paid occupation	78
UI claimants previously working in occupation	83

2016 ALEXsys Employment Data

Number of registrants	241
Number of job position postings	15
Ratio of registrants to job position postings	16.1

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

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

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

	Degree
Alaska Building Science Network (Juneau)	
Hand and Power Tool Safety	

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 Lift/Man Lift Training	
Fall Protection	
OSHA 10 Hours	
OSHA 40 Hours	

	Degree
Beacon Occupational Health and Safety Services (Anchorage)	
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	

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

	Degree
Delta Mine Training Center (Delta Junction)	
Health, Safety, and Environmental Training	

	Degree
Embry-Riddle Aeronautical University (JBER)	
Occupational Safety Management	MS
Safety Management	BS

	Degree
Environmental Management Inc (Anchorage)	
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	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

Degree	
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Ilisagvik College (Barrow)

Industrial Safety, Level 1	Endorsement
Scaffolding I	Endorsement

Degree	
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Northern Industrial Training (Palmer)

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 Inspector Refresher / 061	
Lead Risk Assessor Refresher / 062	
Mine Safety & Health Administration (MSHA) SURFACE Inexperienced Miner/054	
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

Partners for Progress in Delta, Inc (Delta Junction)

OSHA 10	
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Degree

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

TSS - The Safety Specialists (Ketchikan)

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

Degree

University of Alaska Anchorage (Anchorage)

Occupational Safety & Health	AAS
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Degree

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
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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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