

## 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		
	2014 estimate	2024 projection	Percent change	Growth	Replacement	Total
Alaska	122	127	4.1	1	3	3
United States	15,100	16,500	9.1	140	300	440

#### Job outlook

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

### 2016 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	25.25	14.82	18.08	23.47	30.39	38.46
Alaska	32.04	18.01	24.87	32.24	38.22	48.06
Anchorage/Mat-Su Area	34.11	18.56	25.11	32.02	44.60	54.22
Balance of State	*	*	25.11	*	44.60	*

\* indicates the estimate is not available, or the hourly wage is greater than \$100, or the annual wage is greater than \$208,000.

### 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
<b>ABC of Alaska (Anchorage)</b>	
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
<b>Alaska Building Science Network (Juneau)</b>	
Hand and Power Tool Safety	

	Degree
<b>Alaska Petroleum Academy (Kenai)</b>	
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
<b>Alaska Teamster-Employer Service Training Trust (Anchorage)</b>	
Hazardous Material Transportation Specialist	
Mining Safety and Health Administration	
North Slope Training Cooperative	
OSHA 10 Hour General Construction	
OSHA 30 Hour General Construction	
Transportation Awareness; 49 CFR 172.704	

	Degree
<b>Alaska West Training Center (Fairbanks)</b>	
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
<b>Beacon Occupational Health and Safety Services (Anchorage)</b>	

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)	
North Slope Training Cooperative (NSTC) Unescorted with/without H2S	Certificate
Respiratory Protection (NSTC and OSHA Offered)	

**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	
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**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	
<b>Iisagvik College (Barrow)</b>	
Industrial Safety, Level 1	Endorsement
Scaffolding	Endorsement

Degree	
<b>Northern Industrial Training (Palmer)</b>	
Confined Space Entry/011	
Energy Isolation-Lockout/Tag Out/018	
Fall Protection Authorized User	
Fall Protection Competent Person / 015	
Health, Safety & Environmental Technician (HSET)/064	
Lead Abatement Supervisor / 059	
Lead Inspector Refresher / 061	
Lead Risk Assessor Refresher / 062	
NSTC 2014 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	
<b>Partners for Progress in Delta, Inc (Delta Junction)</b>	
OSHA 10	

Degree	
<b>Satori Group Inc (Anchorage)</b>	
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

	<b>Degree</b>
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**University of Alaska Anchorage (Anchorage)**

Occupational Safety & Health	AAS
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	<b>Degree</b>
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**University of Alaska Anchorage, Kenai (Soldotna)**

Occupational Safety & Health	AAS
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	<b>Degree</b>
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**University of Alaska Anchorage, Kodiak (Kodiak)**

Industry Safety Program Support	CT1
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	<b>Degree</b>
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**University of Alaska Fairbanks, CTC (Fairbanks)**

Safety, Health & Environment Awareness Technician	CT2
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	<b>Degree</b>
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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)	