

Environmental Science and Protection Technicians, Including Health (19-4091)

Occupation description: Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist. May collect samples of gases, soil, water, and other materials for testing.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	252	265	5.2	10	19	30
United States	34,600	38,800	12.1	1,500	2,700	4,620

Job outlook

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

2018 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	24.21	13.72	17.03	22.20	29.44	38.53
Alaska	26.71	19.30	21.05	24.36	32.39	37.64
Anchorage/Mat-Su Area	27.78	19.88	23.10	27.01	30.33	41.05
Balance of State	26.21	19.15	20.80	23.38	33.23	37.20

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
236	36	15.3	34.0	26.5

2016 Potential Supply

Qualified but working in another occupation	56
Currently employed in a lower paid occupation	23
UI claimants previously working in occupation	39

2016 ALEXsys Employment Data

Number of registrants	293
Number of job position postings	43
Ratio of registrants to job position postings	6.8

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

Education: Associate's degree

Work experience: None

On-the-job training: None

Training Resources

	Degree
ABC of Alaska (Anchorage)	

Hazwoper Refresher	
OSHA 24-Hour Hazwoper Training Course	

	Degree
Alaska Petroleum Academy (Kenai)	

Cook Inlet Training Standards/24 Hour Hazwoper	
Cook Inlet Training Standards/Hazwoper Refresher (8 Hours)	
Hazwoper 40 Hour Refresher (8 Hours)	
Hazwoper Certificate Bridge 40 Hour	
Petroleum Chemical Health and Safety (16 Hours)	
Petroleum Chemical Health and Safety Refresher (8 Hours)	

	Degree
Alaska Teamster-Employer Service Training Trust (Anchorage)	

Hazardous Waste Operations and Emergency Response: First Responder	
Hazardous Waste Operations and Emergency Response: HAZWOPER	
Hazardous Waste Operations and Emergency Response: Refresher	
North Slope Training Cooperative	

	Degree
Alaska West Training Center (Fairbanks)	

Hazardous Materials Technician Annual Refresher - ER03	
Hazardous Waste Operations & Emergency Response Annual Refresher - HW04	
Hazardous Waste Operations & Hazardous Materials Technician - ER02	
Hazardous Waste Operations and Emergency Response - HW02	
Hazardous Waste Operations Occasional Site Worker - HW01	
Hazardous Waste Operations Supervisor - HW03	
Highway Emergency Operations - ER07	
Highway Specialist - ER04	
Hydrogen Sulfide - H2S	
On-Scene Incident Commander - ER09	
OSHA2 - OSHA (2-day)	

OSHA4 - OSHA (4-day)	
Petroleum Technician - ER06	
Petroleum Workers Safety and Health - S05	
Railroad Specialist - ER05	
Unescorted Module - NSTC01	
Unescorted Module Update/Refresher - NSTC02	

Degree

American Health and Safety, LLC (Fairbanks)

Hazwoper 40 Hours	
Hazwoper 8 Hours	

Degree

AVTEC (Seward)

HAZWOPER 24 HOUR	
HAZWOPER Refresher	

Degree

Beacon Occupational Health and Safety Services (Anchorage)

Cook Inlet Training Standards & Industrial Safety (CITS)	Certificate
Cook Inlet Training Standards & Industrial Safety (CITS) Refresher	
Hazard Communication (HAZCOM) & Globally Harmonized Systems (GHS)	
Hazwoper 24-Hour	
Hazwoper 40-Hour	Certificate
Hazwoper 8-Hour Refresher	
North Slope Training Cooperative (NSTC), Optional H2S/FES	Certificate
Respiratory Protection	

Degree

Center for Employment Education (Anchorage)

Hazardous Waste Operations and Emergency Response	
Hazardous Waste Operations and Emergency Response First-Responder	
Hazardous Waste Operations and Emergency Response Refresher	

Degree

Environmental Management Inc (Anchorage)

Asbestos Abatement Certification	Certificate
Asbestos Abatement Renewal	Certificate
Asbestos Air Monitoring	Certificate
EPA/AHERA Inspector Initial	Certificate
EPA/AHERA Inspector Refresher	Certificate

EPA/AHERA Management Planner Initial	Certificate
EPA/AHERA Management Planner Refresher	Certificate
EPA/AHERA Project Design Initial - 24 Hours	Certificate
EPA/AHERA Project Design Refresher	Certificate
EPA/Lead Renovation, Repair, and Painting	Certificate
Hazardous Waste Operations & Emergency Response (24 Hour)	Certificate
Hazardous Waste Operations & Emergency Response Initial (40 Hour)	Certificate
Hazardous Waste Operations & Emergency Response Refresher	Certificate
Hazardous Waste Supervisor	Certificate
Hazmat Transportation (DOT) Initial - 12 Hours	Certificate
Hazmat Transportation (DOT) Refresher - 8 Hours	
Hazmat Transportation (IATA) Initial - 12 Hours	Certificate
Hazmat Transportation (IATA) Refresher - 8 Hours	
NSTC 6 PACK	Certificate
Silica Awareness	Certificate

Ilisagvik College (Barrow)	
Industrial Safety, Level 1	Endorsement

Kindred Spirits School of Massage (Fairbanks)	
ANMA Advanced Practitioner	
ANMA Basic Practitioner	
ANMA Japanese Hot Stone Massage	
ANMA Practitioner	
ANMA Professional Massage	

Northern Industrial Training (Palmer)	
Emergency Response Awareness - 4 hour/031	
Energy Isolation - Lockout/Tag out/018	
Hazwoper 24 Hour / 029	
Hazwoper 40 Hour - General Site Worker / 028	
Hazwoper Refresher 8 Hour / 035	
Health, Safety & Environmental Technician (HSET)/064	
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	
PEC Premier Basic Orientation / 051	
PEC Premier Core Compliance / 052	

Degree

Satori Group Inc (Anchorage)

AHERA Building Inspector Initial	Certificate
AHERA Building Inspector Refresher	Certificate
AHERA Management Planner Initial	Certificate
AHERA Management Planner Refresher	
Asbestos Awareness	
Asbestos Awareness	Certificate
Asbestos Contractor/Supervisor Initial	Certificate
Asbestos Contractor/Supervisor Refresher	Certificate
Asbestos Contractor/Supervisor Refresher – Online	Certificate
Asbestos Operations and Maintenance	
Asbestos Project Designer Initial	Certificate
Asbestos Project Designer Refresher	Certificate
Hazard Communication	
HAZWOPER (Hazardous Waste Operations and Emergency Response) Initial	Certificate
HAZWOPER (Hazardous Waste Operations and Emergency Response) Initial	Certificate
HAZWOPER (Hazardous Waste Operations and Emergency Response) Refresher	Certificate
Lead Awareness	Certificate
NIOSH 582	
Renovation Repair Painting (RRP) Initial	

Degree

Southwest Alaska Vocational and Education Center (Igiugig)

Hazwoper, 40 Hour	Certificate
Hazwoper, 8 Hour	Certificate
Hazwoper, 8 Hour Refresher	Certificate

Degree

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

Hazwoper 24 Hour	
Hazwoper 40 Hour	
Hazwoper 8 Hour	
North Slope Training Consortium (NTSC)	

Degree

VIP Alaska (Kenai)

HAZMAT Endorsement	
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Degree

Vocational Training and Resource Center (Juneau)

Hazwoper Certification, 40-Hour	Certificate
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Hazwoper Refresher Certification, 8-Hour	Certificate
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Degree

Zender Environmental Health & Research Group (Anchorage)

Rural Alaska Community Environmental Job Training (RACEJT) Program	Certificate
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Sustainable Solid Waste Management (SSWM) Training	
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