

Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Occupation description: Operate or control petroleum refining or processing units. May specialize in controlling manifold and pumping systems, gauging or testing oil in storage tanks, or regulating the flow of oil into pipelines.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	431	416	-3.5	10	32	41
United States	41,800	43,000	2.8	1,000	3,200	4,320

Job outlook

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

2017 Wages

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	32.78	20.20	25.09	32.58	39.47	46.94
Alaska	40.74	27.83	33.47	43.08	48.01	50.96
Fairbanks North Star Borough	29.70	26.02	27.21	29.19	31.02	35.46
Balance of State	44.30	35.50	42.02	45.70	49.36	51.59

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
512	113	22.1	50.8	36.8

2016 Potential Supply

Qualified but working in another occupation	41
Currently employed in a lower paid occupation	27
UI claimants previously working in occupation	17

2016 ALEXsys Employment Data

Number of registrants	256
Number of job position postings	14
Ratio of registrants to job position postings	18.3

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
Alaska Petroleum Academy (Kenai)	
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)	
North Slope Training Cooperative	

	Degree
Alaska West Training Center (Fairbanks)	
Hydrogen Sulfide - H2S	
Petroleum Technician - ER06	
Petroleum Workers Safety and Health - S05	
Unescorted Module - NSTC01	
Unescorted Module Update/Refresher - NSTC02	

	Degree
Beacon Occupational Health and Safety Services (Anchorage)	
Cook Inlet Training Standards & Industrial Safety (CITS)	Certificate
North Slope Training Cooperative (NSTC), Optional H2S/FES	Certificate

	Degree
Environmental Management Inc (Anchorage)	
NSTC 6 PACK	Certificate

	Degree
Iisagvik College (Barrow)	
Industrial Safety, Level 1	Endorsement

	Degree
Northern Industrial Training (Palmer)	

Energy Isolation - Lockout/Tag out/018	
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
University of Alaska, Mining and Petroleum Training Service (Soldotna)	
North Slope Training Consortium (NTSC)	

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