Comparisons of Job Characteristics

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)
Associated Occupation: Dredge Operators (53-7031)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)
Associated Occupation: Dredge Operators (53-7031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	16.3	12.0	<<	Extensive education and/or training may be required
Production and Processing	6.0	8.7	8.4	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)
Associated Occupation: Dredge Operators (53-7031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation and Control	5.4	11.1	13.2	>	Skill level is likely sufficient
Operation Monitoring	6.6	11.1	11.4	0	Current skill level may be sufficient
Troubleshooting	4.5	7.4	8.3	>	Skill level is likely sufficient
Equipment Selection	3.3	6.9	6.7	0	Current skill level may be sufficient
Equipment Maintenance	3.5	6.1	8.0	>	Skill level is likely sufficient
Repairing	3.4	6.1	8.2	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)
Associated Occupation: Dredge Operators (53-7031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	13.6	15.6	>	Current ability level is likely sufficient
Multilimb Coordination	6.0	12.8	15.6	>	Current ability level is likely sufficient
Depth Perception	5.3	11.1	14.4	>>	Current ability level is likely more than sufficient
Reaction Time	4.8	10.7	13.4	>	Current ability level is likely sufficient
Auditory Attention	5.9	9.1	12.6	>>	Current ability level is likely more than sufficient
Response Orientation	4.0	8.7	13.0	>>	Current ability level is likely more than sufficient
Glare Sensitivity	2.6	6.4	7.7	>	Current ability level is likely sufficient
Spatial Orientation	2.7	6.4	11.4	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 100

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)
Associated Occupation: Dredge Operators (53-7031)

Work Activities	Exclusivity of Activity
Direct and coordinate activities of workers or staff	3
Inspect material moving equipment	80
Operate earth-moving or other heavy construction equipment	80
Operate material moving, loading, or unloading equipment	75
Perform safety inspections in construction or resource extraction setting	46
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Excavating and Loading Machine and Dragline Operators (53-7032)
Associated Occupation: Dredge Operators (53-7031)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.