Comparisons of Job Characteristics

Focus Occupation: Continuous Mining Machine Operators (47-5041)
Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)

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: 83

Focus Occupation: Continuous Mining Machine Operators (47-5041)
Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)

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	15.0	18.0	>	Current knowledge level is likely sufficient
Public Safety and Security	6.9	9.2	11.8	>	Current knowledge level is likely sufficient
Building and Construction	4.0	7.6	9.1	>	Current knowledge level is likely 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: 95

Focus Occupation: Continuous Mining Machine Operators (47-5041)
Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)

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	13.0	13.3	0	Current skill level may be sufficient
Operation Monitoring	6.6	13.0	13.2	0	Current skill level may be sufficient
Equipment Maintenance	3.5	9.0	10.1	>	Skill level is likely sufficient
Repairing	3.4	8.4	9.6	>	Skill level is likely sufficient
Troubleshooting	4.5	8.0	8.9	>	Skill level is likely sufficient
Equipment Selection	3.3	7.3	5.6	<	A higher skill level may be required

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: 81

Focus Occupation: Continuous Mining Machine Operators (47-5041)
Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)

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	13.9	14.6	0	Current ability level may be sufficient
Multilimb Coordination	6.0	12.3	13.2	0	Current ability level may be sufficient
Reaction Time	4.8	11.5	13.2	>	Current ability level is likely sufficient
Manual Dexterity	6.5	11.4	9.7	<	Some improvement in abilities may be required
Depth Perception	5.3	10.8	11.5	0	Current ability level may be sufficient
Rate Control	3.8	10.6	11.2	0	Current ability level may be sufficient
Response Orientation	4.0	10.2	11.2	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	9.2	12.0	>>	Current ability level is likely more than sufficient
Spatial Orientation	2.7	6.5	6.9	0	Current ability 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.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Continuous Mining Machine Operators (47-5041)
Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)

Work Activities	Exclusivity of Activity
Operate earth-moving or other heavy construction equipment	80
Use hand or power tools	2
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: Continuous Mining Machine Operators (47-5041)
Associated Occupation: Earth Drillers, Except Oil and Gas (47-5021)

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.