Comparisons of Job Characteristics

Focus Occupation: Helpers--Roofers (47-3016)
Associated Occupation: Carpenters (47-2031)

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: 77

Focus Occupation: Helpers--Roofers (47-3016)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Building and Construction	4.0	17.5	13.0	<<	Extensive education and/or training may be required
Mathematics	9.2	12.8	12.0	0	Current knowledge level may be sufficient
Mechanical	6.8	12.6	8.7	<<	Extensive education and/or training may be required
Design	5.2	12.2	4.9	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.9	2.8	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	8.6	9.9	>	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: 78

Focus Occupation: Helpers--Roofers (47-3016)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Repairing	3.4	6.1	5.0	<	A higher skill level may be required
Equipment Selection	3.3	5.9	6.2	0	Current skill level may be sufficient
Equipment Maintenance	3.5	5.1	6.7	>	Skill level is likely sufficient
Installation	1.7	3.8	2.8	<<	Extensive development of skills in this area 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: 75

Focus Occupation: Helpers--Roofers (47-3016)
Associated Occupation: Carpenters (47-2031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Trunk Strength	5.7	11.4	13.0	>	Current ability level is likely sufficient
Static Strength	5.0	11.3	10.6	0	Current ability level may be sufficient
Visualization	7.5	11.3	9.1	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.2	10.0	<	Some improvement in abilities may be required
Extent Flexibility	4.8	10.8	10.4	0	Current ability level may be sufficient
Multilimb Coordination	6.0	10.8	9.2	<	Some improvement in abilities may be required
Stamina	4.0	8.7	9.1	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	8.6	11.9	>>	Current ability level is likely more than sufficient
Speed of Limb Movement	3.2	8.3	7.4	<	Some improvement in abilities may be required
Spatial Orientation	2.7	6.2	6.2	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: 91

Focus Occupation: Helpers--Roofers (47-3016)
Associated Occupation: Carpenters (47-2031)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Apply adhesives, caulking, sealants, or coatings	45
Build or repair structures in construction, repair, or manufacturing setting	54
Climb ladders, scaffolding, or utility or telephone poles	56
Cut, shape, fit, or join wood or other construction materials	58
Erect scaffold	56
Fabricate, assemble, or disassemble manufactured products by hand	11
Install prefabricated building components	74
Install siding or sheeting	84
Move materials or goods between work areas	72
Move or fit heavy objects	8

Paint walls or other structural surfaces	75
Perform safety inspections in construction or resource extraction setting	46
Read tape measure	41
Repair cracks, defects, or damage in installed building materials	74
Use basic carpentry techniques	62
Use hand or power tools	2
Use hand or power woodworking tools	65
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: 81

Focus Occupation: Helpers--Roofers (47-3016)
Associated Occupation: Carpenters (47-2031)

Tools and Technologies	Exclusivity
Business function specific software	1
Compressors	9
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Drafting supplies	9
Face and head protection	7
Fall protection	16
Fastener setting tools	12
Forming tools	2
Holding and positioning and guiding systems and devices	23
Industry specific software	1
Ladders and scaffolding	6
Lifting equipment and accessories	3
Marking tools	11
Measuring and layout tools	3
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Safety footwear	21
Wrenches and drivers	2

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.