

Mt. Hood Construction Assessment

This assessment contains 80 items, but only 80 are used at one time.

Construction 2012

Number of Correlations	Standard Type	Standard
0	Program	1) Common Construction/Carpentry
0	Duty	1) STANDARD 1.0 - SAFETY
3	Standard	1) 1.2 Maintain safe work attire and appearance
2	Standard	2) 1.3 Wear appropriate personal protective equipment (e.g., eye protection, ear protection, impact hat, etc.)
2	Standard	3) 1.4 Use equipment safety features correctly
2	Standard	4) 1.5 Use proper lifting techniques
1	Standard	5) 1.9 Ahere to lockout/tagout rule and regulations.
1	Standard	6) 1.10 Handle, use and store materials according to MSDS sheets
0	Duty	2) STANDARD 2.0 - MEASUREMENT
3	Standard	1) 2.2 Solve manufacturing and construction word problems
1	Standard	2) 2.3 Calculate linear feet, square feet, and board feet
0	Standard	3) 2.5 Measure accurately
0	Standard	4) 2.6 Lay out straight and angled cuts accurately
1	Standard	5) 2.9 Determine levelness and plumbness of surfaces, using a level.
1	Standard	6) 2.11 Recognize materials.
0	Standard	7) 2.12 Maintain/make minor adjustments to hand tools.
0	Duty	3) STANDARD 3.0 - PRACTICE SAFE AND EFFECTIVE USE OF HAND AND PORTABLE POWER TOOLS
1	Standard	1) 3.2 Utilize planes and cabinet scrapers to smooth surfaces
0	Standard	2) 3.4 Drive and set nails and screws
1	Standard	3) 3.5 Fasten materials using a pneumatic stapler or nailer
0	Standard	4) 3.8 Drill holes with a portable power drill
3	Standard	5) 3.9 Utilize a power drill to bore holes to a specified depth
1	Standard	6) 3.10 Create pocket screwed joints using a drill with jig
1	Standard	

		7) 3.11 Utilize a router to shape edges and cut a groove, dado and rabbet
1	Standard	8) 3.14 Utilize a sander for roughing and finishing
25	Correlations	
0	Program	2) Carpentry
0	Duty	1) STANDARD 2.0 -- OPERATE HAND AND POWER TOOLS/EQUIPMENT UTILIZED IN CARPENTRY
1	Standard	1) 2.1 Use and maintain hand tools
1	Standard	2) 2.2 Use and maintain portable power tools, powder actuated tools, pneumatic tools, and extension cords
0	Duty	2) STANDARD 3.0 -- USE PLANS, SPECIFICATIONS AND CODES
1	Standard	1) 3.1 Identify blueprint terms, components, and symbols
1	Standard	2) 3.2 Identify a set of drawings/symbols/scales and legends
0	Standard	3) 3.3 Read material schedules on blueprints
0	Standard	4) 3.4 Relate information on blueprints to actual locations
2	Standard	5) 3.5 Identify and use drawing dimensions
1	Standard	6) 3.6 Recognize building codes (i.e. national, state, and local)
0	Duty	3) STANDARD 6.0 -- CUTTING AND SHAPING STOCK
0	Standard	2) 6.1 Crosscut stock to size.
2	Standard	3) 6.2 Bore holes.
1	Standard	4) 6.3 Square stock to 90 degrees.
0	Duty	4) STANDARD 7.0 -- ASSEMBLING AND FASTENING COMPONENTS
1	Standard	1) 7.1 Apply clamping devices.
0	Duty	5) STANDARD 10.0 -- FRAME AND FINISH A ROOF
2	Standard	1) 10.1 Construct conventional roof or set truss systems
0	Duty	6) STANDARD 19.0 -- INSTALLING WOOD FLOORING AND FLOOR COVERING
1	Standard	1) 19.1 Install underlayment.
0	Standard	2) 19.2 Install finished wood flooring.
0	Standard	3) 19.3 Install tongue and groove flooring
0	Standard	4) 19.4 Identify different kinds of flooring material.
14	Correlations	
0	Program	3) Construction
0	Duty	1) STANDARD 1.0-- LAY OUT BUILDING LINES

2	Standard	1) 1.1 Demonstrate the use and care of precision measuring instruments.
1	Standard	2) 1.3 Use a builders level or transit and differential leveling procedures to determine site and building elevations.
1	Standard	3) 1.4 Record site layout data and information in field notes using accepted practices.
0	Duty	2) STANDARD 2.0 -- PERFORM CONCRETE/MASONRY WORK
1	Standard	1) 2.1 Prepare and pour a footing.
2	Standard	2) 2.2 Construct a foundation wall or pier.
0	Standard	3) 2.7 Estimate the material needed for concrete/masonry work.
0	Duty	3) STANDARD 3.0 -- LAY OUT AND INSTALL FLOOR SYSTEMS
2	Standard	1) 3.1 Install sill plate(s).
1	Standard	2) 3.2 Set posts.
2	Standard	3) 3.3 Construct or place girders/beams.
3	Standard	4) 3.6 Lay out and construct floor assembly.
0	Standard	5) 3.7 Install joists for a cantilever floor.
0	Standard	6) 3.8 Install a subfloor using butt-joint plywood/OSB panels.
0	Duty	4) STANDARD 4.0--DEMONSTRATE WALL AND CEILING FRAMING
4	Standard	1) 4.1 Lay out wall lines including plates, corner posts, door and window openings, partition Ts, bracing and plan for installation of fire stops.
2	Standard	2) 4.2 Assemble wood stud walls.
0	Standard	3) 4.4 Lay out, assemble, erect, and brace exterior walls for a frame building.
1	Standard	4) 4.5 Cut and install ceiling joists on a wood frame building.
1	Standard	5) 4.6 Estimate the materials required to frame walls and ceilings.
0	Duty	5) STANDARD 5.0 -- FRAME AND FINISH A ROOF
4	Standard	1) 5.1 Construct conventional roof and/or truss systems.
0	Standard	2) 5.2 Install roof sheathing and coverings.
1	Standard	3) 5.4 Demonstrate the techniques for installing a variety of types of roofing materials.
2	Standard	4) 5.5 Estimate the materials used in framing and sheathing a roof.
0	Duty	6) STANDARD 6.0 -- IDENTIFY THERMAL AND MOISTURE PROTECTION

0	Standard	1) 6.1 Install insulation material.
0	Standard	2) 6.2 Install vapor barrier.
0	Standard	3) 6.3 Identify types and use of thermal insulation.
0	Duty	7) STANDARD 7.0 -- APPLY EXTERIOR FINISHES
1	Standard	1) 7.1 Identify and/or install frieze boards or soffit.
0	Standard	2) 7.2 Install exterior moldings and trim.
1	Standard	3) 7.3 Install various types of siding.
1	Standard	4) 7.4 Apply correct installation to eliminate water intrusion.
0	Duty	8) STANDARD 8.0 -- INSTALL DOORS AND WINDOWS
1	Standard	1) 8.3 Install window systems.
0	Duty	9) STANDARD 9.0 -- IINSTALL INTERIOR TRIM AND STAIRS
1	Standard	1) 9.1 Install baseboards and casings.
3	Standard	2) 9.3 Determine the number and sizes of risers and treads required for a stairway.
0	Standard	3) 9.4 Build a small stair unit.
1	Standard	4) 9.5 Lay out a skirt board.
0	Duty	10) STANDARD 10.0-- INSTALL ELECTRICAL COMPONENT/SYSTEM(S)
2	Standard	1) 11.1 Identify electrical service entrance requirements.
0	Standard	2) 11.2 Rough in switch boxes and outlet boxes.
0	Duty	11) STANDARD 11.0-- INSTALL INTERIOR WALL AND CEILING FINISH
2	Standard	1) 11.1 Identify type and use of drywall.
1	Standard	2) 11.2 Demonstrate the proper techniques for cutting drywall.
1	Standard	3) 11.3 Fasten drywall to ceiling and walls.
0	Standard	4) 11.4 Apply mud, use tape appropriately and install corner bead.
2	Standard	5) 11.5 demonstrate technique for paint application.

47 **Correlations**

86 **Total
Correlations**