

Work Processes Schedule

CEMENT MASON (CONSTRUCTION)

RAPIDS: 0075N

O*NET/SOC: 47-2051.00

REVISION DATE: 12/2014

Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; use saws to cut expansion joints. Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following areas. Actual work time must be recorded in the Work Experience Log.

Applicable Ratings/MOS

USMC MOS 1302, 1371

USCG DC

USN BU

Related Instruction

Any trade related schools/courses totaling 432 hours.

Additional Requirement

None

Total Hours: **6000**

Skill	Description	Hours
A	RODDING CONCRETE Waterways; spillways; floor slabs; sidewalks; curbs and gutters.	300
B	HAND FLOATING Darby and float furnish - waterways, spillways, floor slabs, sidewalks, curbs and gutters.	1650
C	PATCHING AND RUBBING EXPOSED CONCRETE Cut out defective or excess concrete; mix and apply dry-pack; point up and burlap-finish exposed concrete.	400
D	SURFACE FINISHES Smooths and finishes surfaces of poured concrete floors, walls, sidewalks, or curbs to specified textures, using hand tools or power tools, including floats, trowels, and screeds.	400
E	TROWELING, EDGING, AND JOINTING FLAT SURFACES Hand trowel finish concrete surfaces; power trowel finish concrete surfaces; edge concrete surfaces; layout joints in special designs (square, diagonal, etc.); joint and form drains.	1650
F	FINISHING STEPS, PLAIN OR WITH NOSING OR OVERHANG Finish to grade; install safety treads; form drain; form cove.	800

G	DRY-PACKING OR GROUTING BASE PLATES Dry-pack machinery bases; dry-pack column bases.	500
H	POINTING UP CONCRETE Point up precast slabs; point up steel stanchions encased in concrete.	100
I	MISCELLANEOUS Apply hardeners; apply colors; form base - plain and cove; flush and projecting.	200