

CHAPTER 16



BUILDER (BU)

NAVPERS 18068-16E
CH-65

Updated: January 2016

Enclosure (1)

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NAVY ENLISTED OCCUPATIONAL STANDARD

FOR
BUILDER (BU)



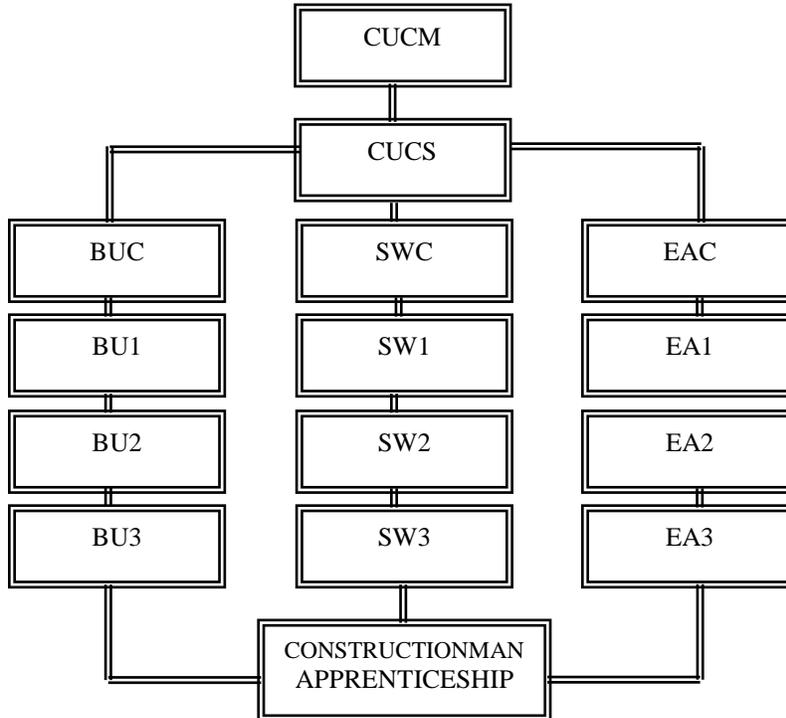
SCOPE OF RATING

Builders (BU) build and repair wood, concrete and masonry structures; perform rough and finished carpentry and masonry; install sheet rock, paneling, ceramic tile, millwork, trim, and perform paint and preservation; build forms; mix, place, and finish concrete for various types of projects; operate and maintain carpentry and cabinet making shops; build and repair waterfront structures; make estimates for material and labor for construction projects; maintain individual combat readiness; and perform tasks required in combat and disaster preparedness or recovery operations.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 16.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title
Builder

Job Code
002594

Job Family
Construction and Extraction

NOC
TBD

Short Title (30 Characters)
BUILDER

Short Title (14 Characters)
BUILDER

Pay Plan
Enlisted

Career Field
BU

Other Relationships and Rules
All NEC's listed as the Rating Source.

Job Description

Builders build and repair wood, concrete and masonry structures; perform rough and finished carpentry and masonry; install sheet rock, paneling, ceramic tile, millwork, trim, and perform paint and preservation; build forms; mix, place, and finish concrete; operate and maintain carpentry and cabinet making shops; build and repair waterfront structures; make estimates for material and labor for construction projects; and prepare construction projects progress reports, time records, construction schedules and material, labor, tool and equipment estimates. As project managers, they plan, staff, direct, and control multiple construction projects to include problem solving, planning, estimating, scheduling, cost control and personnel management ensuring compliance with specifications, code requirements, plans, and contracts; and act as project supervisors and trainers for junior personnel.

DoD Relationship

O*NET Relationship

<u>Group Title</u>	<u>DoD Code</u>	<u>Occupation Title</u>	<u>SOC Code</u>	<u>Job Family</u>
Construction, General	171000	Brickmasons and Blockmasons	47-2021.00	Construction and Extraction

Skills

Equipment Selection
Critical Thinking
Management of Personnel Resources
Management of Material Resources
Operation and Control
Complex Problem Solving
Installation
Coordination
Operation Monitoring
Active Listening

Abilities

Manual Dexterity
Deductive Reasoning
Information Ordering
Oral Expression
Visualization
Control Precision
Problem Sensitivity
Reaction Time
Fluency of Ideas
Response Orientation

CARPENTRY

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Fabricate finish carpentry
E4	CORE	Fabricate metal framing structures
E5	CORE	Fabricate millwork products
E4	CORE	Fabricate rough carpentry
E6	CORE	Manage carpentry shop operations
E5	CORE	Supervise carpentry construction operations
E5	CORE	Supervise carpentry shop operations

CONCRETE CONSTRUCTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Assemble pre-cast concrete structures
E4	CORE	Construct concrete forms
E5	CORE	Construct overhead and column forms
E5	CORE	Establish building lines and elevations
E4	CORE	Finish concrete
E4	CORE	Install concrete forms
E5	CORE	Install embedments in form work
E4	CORE	Install reinforcing steel
E7	CORE	Manage concrete operations

E4	CORE	Mix concrete
E4	CORE	Place concrete
E5	CORE	Supervise concrete mixing operations
E5	CORE	Supervise concrete operations

CONSTRUCTION MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Conduct three-phase quality control inspections
E4	CORE	Develop construction activity estimates
E5	CORE	Develop construction environmental protection plans
E5	CORE	Develop construction project packages
E5	CORE	Develop construction safety plans
E4	CORE	Develop construction sketches and diagrams
E5	CORE	Develop project three-phase quality control plans
E5	CORE	Establish construction site layouts
E4	CORE	Inspect construction materials
E6	CORE	Inspect construction projects
E4	NON-CORE	Interpret construction drawings and specifications
E4	CORE	Inventory project tools and materials
E5	CORE	Lead construction projects
E5	CORE	Maintain construction project resources
E5	CORE	Maintain facilities
E7	NON-CORE	Manage camp maintenance operations
E7	CORE	Manage construction environmental protection programs
E6	CORE	Manage construction project resources
E7	CORE	Manage construction projects
E7	CORE	Manage construction safety programs
E7	CORE	Manage facilities maintenance programs
E6	NON-CORE	Manage maintenance contracts
E7	CORE	Manage project quality control programs
E7	CORE	Manage three-phase quality control programs
E6	NON-CORE	Monitor construction project contracts
E5	CORE	Supervise construction project safety operations
E6	CORE	Supervise construction projects
E6	CORE	Supervise construction safety operations
E6	CORE	Supervise environmental protection programs
E6	CORE	Supervise facilities maintenance programs
E6	CORE	Supervise planning and estimating operations
E5	CORE	Supervise project three-phase quality control programs
E5	CORE	Turnover construction projects
E5	NON-CORE	Validate project surveys and elevation data

EXTERIOR FINISHES AND MOISTURE PROTECTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Install building insulation materials
E4	CORE	Install exterior doors and hardware
E5	CORE	Install exterior wall coverings
E5	CORE	Install flashing
E5	CORE	Install roof specialties and accessories
E5	CORE	Install roofing systems
E4	CORE	Install windows and hardware
E4	CORE	Perform glazing

FINISHES

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Apply paints and primers
E4	CORE	Finish drywall
E4	CORE	Install acoustical treatments
E4	CORE	Install building fixtures and hardware accessories
E4	CORE	Install drywall
E4	CORE	Install flooring materials
E4	CORE	Install interior doors and hardware
E4	CORE	Install wall coverings
E5	NON-CORE	Perform locksmith operations
E5	CORE	Supervise installation of finish materials

HEAVY CONSTRUCTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Construct heavy timber structures
E6	NON-CORE	Direct pile driving construction
E5	CORE	Erect waterfront piers
E7	CORE	Manage heavy construction operations
E6	CORE	Supervise heavy construction projects

MASONRY CONSTRUCTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Construct brick structures
E4	CORE	Construct concrete masonry unit structures
E5	CORE	Install masonry hardware
E7	CORE	Manage masonry construction operations
E4	CORE	Mix mortar
E6	CORE	Supervise masonry construction operations

SEABEE COMMON CORE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Apply combat life saving techniques
E4	CORE	Conduct Chemical, Biological, Radiological and Nuclear Explosive (CBRNE) defensive operations

E4	CORE	Conduct convoy operations
E4	CORE	Conduct Disaster Recovery Operations (DRO)
E4	CORE	Conduct embarkation and debarkation operations
E6	NON-CORE	Conduct Maritime Prepositioning Force (MPF) operations
E4	CORE	Conduct personal protection and decontamination operations
E4	CORE	Employ Advance Base Functional Component (ABFC) systems
E4	CORE	Employ grenades, mines, and pyrotechnics
E4	CORE	Employ land survival techniques
E4	NON-CORE	Maintain crew-served weapons
E4	CORE	Maintain field communications equipment
E4	CORE	Maintain Personal Gear Issue (PGI)
E4	CORE	Maintain small arms
E4	NON-CORE	Operate crew-served weapons
E4	CORE	Operate field communications equipment
E4	CORE	Operate small arms
E4	CORE	Patrol assigned areas
E7	CORE	Perform command and control of a company
E4	CORE	Perform command and control of a fire team
E6	CORE	Perform command and control of a platoon
E5	CORE	Perform command and control of a squad
E7	NON-CORE	Plan convoy operations
E4	CORE	Repair damaged airfields
E4	CORE	Set tactical defenses
E7	NON-CORE	Supervise Airfield Damage Repair (ADR) operations

SPECIAL CONSTRUCTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Construct non-standard bridging (gap crossing)
E5	CORE	Erect bridging systems
E5	CORE	Erect pre-engineered buildings
E5	CORE	Erect site fabricated structures
E5	CORE	Erect tension fabric structures
E7	NON-CORE	Manage assembly of special construction operations
E6	CORE	Supervise assembly of special construction operations

UNDERWATER CONSTRUCTION

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	NON-CORE	Conduct oceanographic surveys
E5	NON-CORE	Maintain diving equipment
E5	NON-CORE	Maintain diving support equipment
E7	NON-CORE	Manage demolition operations
E7	NON-CORE	Manage diving emergency procedures

E7	NON-CORE	Manage diving equipment maintenance
E7	NON-CORE	Manage diving support equipment maintenance
E7	NON-CORE	Manage light salvage operations
E7	NON-CORE	Manage Maritime Prepositioning Force (MPF) pre-offload operations
E7	NON-CORE	Manage Naval Sea Systems Command (NAVSEA) system certification programs
E7	NON-CORE	Manage oceanographic surveys
E7	NON-CORE	Manage Offshore Petroleum Distribution System (OPDS) operations
E7	NON-CORE	Manage Remote Operated Vehicle (ROV) operations
E7	NON-CORE	Manage small craft operations
E7	NON-CORE	Manage underwater construction operations
E5	NON-CORE	Perform coxswain duties
E5	NON-CORE	Perform demolition operations
E5	NON-CORE	Perform diving emergency procedures
E5	NON-CORE	Perform diving operations
E5	NON-CORE	Perform light salvage operations
E5	NON-CORE	Perform Maritime Prepositioning Force (MPF) pre-offload operations
E5	NON-CORE	Perform Offshore Petroleum Distribution System (OPDS) operations
E5	NON-CORE	Perform Remote Operated Vehicle (ROV) operations
E5	NON-CORE	Perform small craft operations
E5	NON-CORE	Perform underwater construction operations
E6	NON-CORE	Supervise demolition operations
E6	NON-CORE	Supervise diving emergency procedures
E6	NON-CORE	Supervise diving equipment maintenance
E6	NON-CORE	Supervise diving operations
E6	NON-CORE	Supervise diving support equipment maintenance
E6	NON-CORE	Supervise light salvage operations
E6	NON-CORE	Supervise Maritime Prepositioning Force (MPF) pre-offload operations
E6	NON-CORE	Supervise Naval Sea Systems Command (NAVSEA) system certification program
E6	NON-CORE	Supervise oceanographic surveys
E6	NON-CORE	Supervise Offshore Petroleum Distribution System (OPDS) operations
E6	NON-CORE	Supervise Remote Operated Vehicle (ROV) operations
E6	NON-CORE	Supervise small craft operations
E6	NON-CORE	Supervise underwater construction operations