

UFGS MasterFormat 2004 Conversion Matrix
MasterFormat TM 1995 to MasterFormat TM 2004
April 1, 2006

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DIVISION 00	PROCUREMENT AND CONTRACT REQUIREMENTS			
00101	BID SCHEDULES	NAVFAC	00 41 00	
00102	LIST OF DRAWINGS	NAVFAC	00 01 15	
00120	SUPPLEMENTARY INSTRUCTIONS TO BIDDERS	NAVFAC	00 22 13	
DIVISION 01	GENERAL REQUIREMENTS			
01011	SPECIAL CONDITIONS FOR GUANTANAMO BAY PROJECTS	NAVFAC	00 73 01	
01013	SPECIAL CONDITIONS FOR ICELAND PROJECTS	NAVFAC	00 73 02	
01014	SPECIAL CONDITIONS FOR AZORES PROJECTS	NAVFAC	00 73 03	
01015	SPECIAL CONDITIONS FOR PROJECTS IN MEDITERRANEAN AREA	NAVFAC	00 73 04	
01110	SUMMARY OF WORK	NAVFAC	01 11 00	
01110 S	SUMMARY OF WORK	NASA	01 11 10.00 40	
01140	WORK RESTRICTIONS	NAVFAC	01 14 00	
01150	SPECIAL PROJECT PROCEDURES	NAVFAC	01 35 13	
01150 S	SPECIAL PROJECT PROCEDURES	NASA	01 35 13.00 40	
01200 N	PRICE AND PAYMENT PROCEDURES	NAVFAC	01 20 00.00 20	
01240 A	COST AND PERFORMANCE REPORT	USACE	01 20 01.00 10	
01270 A	MEASUREMENT AND PAYMENT	USACE	01 22 00.00 10	
01310	ADMINISTRATIVE REQUIREMENTS	NAVFAC	01 30 00	
01312 A	QUALITY CONTROL SYSTEM (QCS)	USACE	01 45 02.00 10	
01315 S	PROJECT MEETINGS	NASA	01 31 19.00 40	
01320 A	PROJECT SCHEDULE	USACE	01 32 01.00 10	
01320 N	[DESIGN AND] CONSTRUCTION PROGRESS DOCUMENTATION	NAVFAC	01 32 16.00 20	
01321 N	[DESIGN-BUILD] NETWORK ANALYSIS SCHEDULES (NAS)	NAVFAC	01 32 17.00 20	
01322	WEB BASED CONSTRUCTION MANAGEMENT (WEBCM)	NAVFAC	01 31 23	
01330	SUBMITTAL PROCEDURES	NAVFAC	01 33 00	
01351	SAFETY, HEALTH, AND EMERGENCY RESPONSE (HTRW/UST)	USACE	01 35 30	
01355 A	ENVIRONMENTAL PROTECTION	USACE	01 57 20.00 10	
01356 A	STORM WATER POLLUTION PREVENTION MEASURES	USACE	01 57 23.00 10	
01411 S	GENERAL SAFETY REQUIREMENTS	NASA	01 35 23.00 40	
01415	METRIC MEASUREMENTS	USACE	00 31 10	
01420	SOURCES FOR REFERENCE PUBLICATIONS	USACE	01 42 00	
01450 A	CHEMICAL DATA QUALITY CONTROL	USACE	01 35 45.00 10	
01450 N	CONSTRUCTION QUALITY CONTROL	NAVFAC	01 45 00.00 20	

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01450	S	QUALITY CONTROL	NASA	01 45 00.00 40	
01451	A	CONTRACTOR QUALITY CONTROL	USACE	01 45 04.00 10	
01452		SPECIAL INSPECTION FOR SEISMIC-RESISTING SYTEMS	USACE	01 45 35	
01455	N	QUALITY CONTROL (QC) - MINOR CONSTRUCTION	NAVFAC	01 45 01.00 20	
01500	A	TEMPORARY CONSTRUCTION FACILITIES	USACE	01 50 02.00 10	
01500	N	TEMPORARY FACILITIES AND CONTROLS	NAVFAC	01 50 00.00 20	
01500	S	TEMPORARY FACILITIES AND CONTROLS	NASA	01 50 00.00 40	
01525		SAFETY AND OCCUPATIONAL HEALTH REQUIREMENTS	NAVFAC	01 35 29	
01572		CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT	USACE	02 42 00	
01575	N	TEMPORARY ENVIRONMENTAL CONTROLS	NAVFAC	01 57 19.00 20	
01576		TEMPORARY ENVIRONMENTAL CONTROLS (GTMO)	NAVFAC	01 57 19.01	
01580		PROJECT IDENTIFICATION	NAVFAC	01 58 00	
01600	S	PRODUCT REQUIREMENTS	NASA	01 60 00.00 40	
01670		RECYCLED/RECOVERED MATERIALS	USACE	00 62 35	
01750	S	STARTING AND ADJUSTING	NASA	01 75 00.00 40	
01770	N	CLOSEOUT PROCEDURES	NAVFAC	01 77 00.00 20	
01780	A	CLOSEOUT SUBMITTALS	USACE	01 78 02.00 10	
01780	S	CLOSEOUT SUBMITTALS	NASA	01 78 00.00 40	
01781		OPERATION AND MAINTENANCE DATA	NAVFAC	01 78 23	
01810		COMMISSIONING AND DEMONSTRATION FOR SOIL VAPOR EXTRACTION (SVE) SYSTEMS	USACE	02 62 16	
01830		OPERATION, MAINTENANCE, AND PROCESS MONITORING FOR SOIL VAPOR EXTRACTION (SVE) SYSTEMS	USACE	02 01 50	
DIVISION 02		SITE CONSTRUCTION			
02111		EXCAVATION AND HANDLING OF CONTAMINATED MATERIAL	USACE	02 61 13	
02115	A	UNDERGROUND STORAGE TANK REMOVAL	USACE	02 65 01.00 10	
02115	N	REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANKS	NAVFAC	02 65 00.00 20	
02120		TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS	USACE	02 81 00	
02140		SELECT FILL AND TOPSOIL FOR LANDFILL COVER	USACE	02 66 00	
02150		PIPING; OFF-GAS	USACE	31 21 00	
02151		SOIL WASHING THROUGH SEPARATION/SOLUBILIZATION	USACE	02 54 23	
02160		SOLIDIFICATION/STABILIZATION (S/S) OF CONTAMINATED MATERIAL	USACE	02 55 00	
02180		REMEDIATION OF CONTAMINATED SOILS AND SLUDGES BY	USACE	02 53 13	

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02181	REMEDIATION OF CONTAMINATED SOILS BY THERMAL DESORPTION	USACE	02 53 16	
02190	BIOREMEDIATION OF SOILS USING LANDFARMING SYSTEMS	USACE	02 54 20	
02191	BIOREMEDIATION OF SOILS USING WINDROW COMPOSTING	USACE	02 54 21	
02210	SUBSURFACE DRILLING, SAMPLING, AND TESTING	USACE	02 32 00	
02217	FOUNDATION PREPARATION	USACE	31 60 00	
02220	DEMOLITION	USACE	02 41 00	
02220 S	DEMOLITION	NASA	02 41 00.00 40	
02226	REMOVAL AND SALVAGE OF HISTORIC BUILDING MATERIALS	USACE	02 42 91	
02231	CLEARING AND GRUBBING	USACE	31 11 00	
02233	CLEARING FOR CIVIL WORKS	USACE	31 10 00	
02251	FOUNDATION DRILLING AND GROUTING	USACE	31 32 23	
02262	SOIL-BENTONITE (S-B) SLURRY TRENCH	USACE	02 35 27	
02300	EARTHWORK	USACE	31 00 00	
02300 S	EARTHWORK	NASA	31 00 00.00 40	
02315 N	EXCAVATION AND FILL	NAVFAC	31 23 00.00 20	
02318	TEST FILL	USACE	02 66 10	
02325	DREDGING	NAVFAC	35 20 23	
02330	EMBANKMENT FOR EARTH DAMS	USACE	35 73 13	
02331	LEVEE CONSTRUCTION	USACE	35 41 00	
02332	REINFORCED SOIL SLOPE	USACE	35 42 34	
02360	SOIL TREATMENT FOR SUBTERRANEAN TERMITE CONTROL	USACE	31 31 16	
02362	BASALTIC TERMITE BARRIER	NAVFAC	31 31 16.20	
02363	TERMITE CONTROL BARRIER SYSTEM	NAVFAC	31 31 16.19	
02370	SOIL SURFACE EROSION CONTROL	USACE	31 32 11	
02371	WIRE MESH GABIONS [AND MATTRESSES]	USACE	31 36 00	
02372	WASTE CONTAINMENT GEOMEMBRANE	USACE	02 56 13	
02373	GEOTEXTILE	USACE	31 05 19	
02374	GEOSYNTHETIC DRAINAGE LAYER	USACE	31 05 20	
02375	GEOGRID SOIL REINFORCEMENT	USACE	31 05 21	
02376	GEOSYNTHETIC CLAY LINER (GCL)	USACE	02 56 15	
02377	CLAY BARRIER LAYER	USACE	02 56 14	
02378	GEOTEXTILES USED AS FILTERS	USACE	31 05 22	

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02380	STONE, CHANNEL, SHORELINE/COASTAL PROTECTION FOR STRUCTURES	USACE	35 31 19	
02382	ARTICULATING CONCRETE BLOCK REVETMENTS	USACE	35 31 19.20	
02390	MOORING AND GROUNDING POINTS FOR AIRCRAFT	USACE	34 73 13	
02395	PRESTRESSED CONCRETE FENDER PILING	NAVFAC	35 59 13.13	
02396	RESILIENT FOAM-FILLED MARINE FENDERS	NAVFAC	35 59 13.16	
02397	ARCH-TYPE RUBBER MARINE FENDERS	NAVFAC	35 59 13.19	
02398	PIER TIMBERWORK	NAVFAC	06 13 33	
02430	TUNNEL AND SHAFT GROUTING	USACE	31 73 00	
02441	TRENCHLESS EXCAVATION USING MICROTUNNELING	NAVFAC	33 05 23.19	
02450	PRECAST/PRESTRESSED CONCRETE PILES	NAVFAC	31 62 13.20	
02455	CAST-IN-PLACE CONCRETE PILES, STEEL CASING	USACE	31 62 23.13	
02456 A	STEEL H-PILES	USACE	31 62 16.00 10	
02457 A	ROUND TIMBER PILES	USACE	31 62 20.00 10	
02458 N	TIMBER PILES	NAVFAC	31 62 19.00 20	
02459	CAST-IN-PLACE CONCRETE PILES	NAVFAC	31 62 13.13	
02460	STEEL H PILES	NAVFAC	31 62 16.16	
02461	WOOD MARINE PILES	NAVFAC	31 62 19.13	
02462	PILING: COMPOSITE, WOOD AND CAST IN-PLACE CONCRETE	USACE	31 62 21	
02463	PRESTRESSED CONCRETE CYLINDER PILES	NAVFAC	31 62 13.24	
02463 S	WOOD PILES	NASA	31 62 19.00 40	
02464	METAL SHEET PILING	USACE	31 41 16	
02465	AUGER CAST GROUT PILES	USACE	31 63 16	
02466 A	DRILLED FOUNDATION CAISSONS (PIERS)	USACE	31 63 26.00 10	
02466	PRESSURE-INJECTED FOOTINGS	NAVFAC	31 62 13.26	
02468 N	DRILLED FOUNDATION CAISSONS	NAVFAC	31 63 26.16 20	
02490	SOIL AND ROCK ANCHORS	USACE	31 68 13	
02510	WATER DISTRIBUTION	NAVFAC	33 11 00	
02521	WATER WELLS	USACE	33 20 00	
02522	GROUND-WATER MONITORING WELLS	USACE	33 24 13	
02525 A	RELIEF WELLS	USACE	33 26 00.00 10	
02525 N	[EXTRACTION] [MONITORING] WELLS	NAVFAC	33 24 00.00 20	
02531	SANITARY SEWERS	USACE	33 30 00	

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02531	S	SANITARY SEWERS	NASA	33 30 00.00 40	
02532		FORCE MAINS AND INVERTED SIPHONS; SEWER	USACE	33 34 00	
02535	S	PACKAGED SEWAGE LIFT STATIONS, WET WELL TYPE	NASA	33 32 13.13 40	PACKAGED LIFT STATIONS
02546		PRE-ENGINEERED UNDERGROUND HEAT DISTRIBUTION SYSTEM	USACE	33 61 13	
02547		HEAT DISTRIBUTION SYSTEMS IN CONCRETE TRENCHES	USACE	33 61 15	
02548		ABOVEGROUND HEAT DISTRIBUTION SYSTEM	USACE	33 60 02	
02549		PREFABRICATED UNDERGROUND HEATING/COOLING DISTRIBUTION SYSTEM	USACE	33 61 00	
02551	N	NATURAL GAS DISTRIBUTION	NAVFAC	33 51 00.00 20	
02552		EXTERIOR SHALLOW TRENCH STEAM DISTRIBUTION	NAVFAC	33 63 16	
02553		EXTERIOR UNDERGROUND STEAM DISTRIBUTION SYSTEM	NAVFAC	33 63 13	
02554		EXTERIOR ABOVEGROUND STEAM DISTRIBUTION	NAVFAC	33 63 23	
02555		EXTERIOR FUEL DISTRIBUTION	NAVFAC	33 52 13	
02555	S	GAS DISTRIBUTION SYSTEMS	NASA	33 50 00.00 40	
02556	A	GAS DISTRIBUTION SYSTEM	USACE	33 51 03.00 10	
02556		EXTERIOR BURIED PUMPED CONDENSATE RETURN	NAVFAC	33 63 14	
02557		EXTERIOR BURIED PREINSULATED WATER PIPING	NAVFAC	33 61 14	
02560		VALVES, PIPING, AND EQUIPMENT IN VALVE MANHOLES	USACE	33 60 01	
02582		ELECTRICAL MANHOLE AND HANDHOLE	NAVFAC	33 05 13	
02585	S	MEDIUM VOLTAGE UNDERGROUND POWER DISTRIBUTION	NASA	33 71 49.23 40	
02588		CONCRETE POLES	NAVFAC	33 05 16	
02620		SUBDRAINAGE SYSTEM	USACE	33 46 16	
02621		FOUNDATION DRAINAGE SYSTEM	USACE	33 46 13	
02630		STORM DRAINAGE	USACE	33 40 01	
02635	S	STORM SEWERAGE	NASA	33 40 00.00 40	
02661		POND AND RESERVOIR LINERS	NAVFAC	33 47 13	
02662		FUEL IMPERMEABLE LINER SYSTEM	USACE	33 56 63	
02665		BIOENGINEERING PRACTICES FOR STREAM BANK AND SHORELINE STABILIZATION	USACE	31 32 39	
02701		BITUMINOUS BINDER AND WEARING COURSES (CENTRAL-PLANT COLD-MIX)	USACE	32 12 19	
02703		HOT-MIX ASPHALT (HMA) FOR ROADS	USACE	32 12 16	

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02704	AGGREGATE AND/OR GRADED-CRUSHED AGGREGATE BASE COURSE	USACE	32 11 23	
02705	SUBBASE COURSES	USACE	32 11 16	[BASE COURSE FOR RIGID] [AND SUBBASE COURSE FOR FLEXIBLE] PAVING
02706	DRAINAGE LAYER	USACE	32 11 10	
02707	BITUMINOUS BASE COURSE	USACE	32 11 26	
02708	LIME-STABILIZED BASE COURSE, SUBBASE, OR SUBGRADE	USACE	32 11 29	
02709	PORTLAND CEMENT-STABILIZED BASE OR SUBBASE COURSE	USACE	32 11 34	
02710	BITUMINOUS-STABILIZED BASE COURSE, SUBBASE, OR SUBGRADE	USACE	32 11 27	
02711	BITUMINOUS CONCRETE BASE COURSE	NAVFAC	32 11 26.16	
02712	LEAN CONCRETE BASE COURSE	NAVFAC	32 11 36.13	
02713	CEMENT STABILIZED [BASE] [SUBBASE] COURSE AT AIRFIELDS AND ROADS	NAVFAC	32 11 33	
02714	LIME TREATED SUBGRADE [LIME MODIFIED SOILS]	NAVFAC	32 11 30	
02721	[BASE COURSE FOR RIGID] [AND SUBBASE COURSE FOR FLEXIBLE] PAVING	NAVFAC	32 11 16.16	
02722	GRADED CRUSHED AGGREGATE BASE COURSE FOR FLEXIBLE PAVEMENT	NAVFAC	32 11 24	
02723	SAND-CLAY [BASE] [SUBBASE] COURSE	NAVFAC	32 11 16.13	
02731	AGGREGATE SURFACE COURSE	USACE	32 15 00	
02740	STONE MATRIX ASPHALT (SMA) FOR AIRFIELD PAVEMENTS	USACE	32 13 17	
02741	BITUMINOUS CONCRETE PAVEMENT	NAVFAC	32 10 00	
02742	HOT MIX BITUMINOUS PAVEMENT	NAVFAC	32 12 17	
02744	BITUMINOUS ROAD-MIX SURFACE COURSE	USACE	32 12 21	
02745	BITUMINOUS SURFACE TREATMENT	USACE	32 12 11	
02746	RESIN MODIFIED PAVEMENT SURFACING MATERIAL	USACE	32 12 18	
02747	POROUS FRICTION COURSE FOR AIRFIELDS AND ROADS	USACE	32 12 20	
02747 S	POROUS FRICTION COURSE FOR [AIRFIELDS] AND [ROADS]	NASA	32 12 29.00 40	
02748	BITUMINOUS TACK AND PRIME COATS	USACE	32 12 10	
02749	HOT-MIX ASPHALT (HMA) FOR AIRFIELDS	USACE	32 12 15	
02751	AIRFIELDS AND HEAVY-DUTY CONCRETE PAVEMENT LESS THAN 10000 CUBIC YARDS	NAVFAC	32 13 13.03	

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02752	PORTLAND CEMENT CONCRETE PAVEMENT FOR ROADS AND SITE FACILITIES	NAVFAC	32 13 13.06	
02753	CONCRETE PAVEMENT FOR AIRFIELDS AND OTHER HEAVY-DUTY PAVEMENTS MORE THAN 10,000 CUBIC YARDS	USACE	32 13 11	
02754	CONCRETE PAVEMENTS FOR SMALL PROJECTS	USACE	32 13 14	
02755	ROLLER COMPACTED CONCRETE (RCC) PAVEMENT	USACE	32 13 16.16	
02760	FIELD MOLDED SEALANTS FOR SEALING JOINTS IN RIGID PAVEMENTS	USACE	32 01 19	
02761	FUEL-RESISTANT (COAL TAR) SEALER	USACE	32 12 37	
02761 N	PAVEMENT MARKINGS	NAVFAC	32 17 23.00 20	
02762	COMPRESSION JOINT SEALS FOR CONCRETE PAVEMENTS	USACE	32 13 73	
02763 A	PAVEMENT MARKINGS	USACE	32 17 24.00 10	
02770	CONCRETE SIDEWALKS AND CURBS AND GUTTERS	USACE	32 16 13	
02780	CONCRETE BLOCK PAVEMENTS	USACE	32 16 15	
02785	BITUMINOUS SEAL AND FOG COATS	USACE	32 01 13	
02786 A	POLYMER CONCRETE-MICRO-OVERLAY (PCMO) FOR FUEL AND ABRASION RESISTANT WEARING SURFACES	USACE	32 12 22.00 10	
02787	BITUMINOUS REJUVENATION	USACE	32 01 22	
02788	COAL TAR SEAL COAT WITH UNVULCANIZED RUBBER	NAVFAC	32 12 36.19	
02791	PLAYGROUND PROTECTIVE SURFACING	USACE	32 18 16.13	
02810	UNDERGROUND SPRINKLER SYSTEMS	USACE	32 84 23	
02811	IRRIGATION SPRINKLER SYSTEMS	NAVFAC	32 84 24	
02821 A	FENCING	USACE	32 31 00.00 10	
02821 N	CHAIN LINK FENCES AND GATES	NAVFAC	32 31 13.00 20	
02825 S	CHAIN LINK FENCES AND GATES	NASA	32 31 13.00 40	
02832	SEGMENTAL CONCRETE BLOCK RETAINING WALL	USACE	32 32 23	
02840	ACTIVE VEHICLE BARRIERS	USACE	34 71 13.19	
02870	SITE FURNISHINGS	USACE	12 93 00	
02882	PLAYGROUND EQUIPMENT	USACE	11 68 13	
02915	TRANSPLANTING EXTERIOR PLANTS	NAVFAC	32 96 00	
02921	SEEDING	NAVFAC	32 92 19	
02922	SODDING	NAVFAC	32 92 23	
02923	SPRIGGING	NAVFAC	32 92 26	

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02930		EXTERIOR PLANTS	NAVFAC	32 93 00	
02935		LANDSCAPE ESTABLISHMENT	NAVFAC	32 05 33	
02951		RUNWAY RUBBER REMOVAL	USACE	32 01 11.52	
02964		COLD MILLING OF BITUMINOUS PAVEMENTS	USACE	32 01 16.17	
02965		COLD-MIX RECYCLING	USACE	32 01 17	
02966		HOT IN-PLACE RECYCLING OF BITUMINOUS PAVEMENTS	USACE	32 01 24	
02967		HEATER SCARIFYING OF BITUMINOUS PAVEMENTS	USACE	32 01 25	
02975		SEALING OF CRACKS IN BITUMINOUS PAVEMENTS	USACE	32 01 17.16	
02976		STRESS-ABSORBING MEMBRANE INTERLAYER	NAVFAC	32 12 16.19	
02980		PATCHING OF RIGID PAVEMENTS	USACE	32 01 28	
02981		RUBBER AND PAINT REMOVAL FROM AIRFIELD PAVEMENTS	NAVFAC	32 01 11.51	
02982		RESEALING OF JOINTS IN RIGID PAVEMENT	NAVFAC	32 01 19.61	
02983		PARTIAL DEPTH PATCHING OF RIGID PAVEMENT	NAVFAC	32 01 29.61	
02985		SLABJACKING RIGID PAVEMENTS	USACE	32 01 29.62	
02986		GROOVING FOR AIRFIELD PAVEMENTS	USACE	32 01 26.71	
DIVISION 03		CONCRETE			
03010	N	LIGHT REFLECTIVE NONFERROUS METALLIC AGGREGATE FLOOR SYSTEM	NAVFAC	03 53 14.00 20	
03100	A	STRUCTURAL CONCRETE FORMWORK	USACE	03 11 13.00 10	
03101	A	FORMWORK FOR CONCRETE	USACE	03 11 14.00 10	
03150	A	EXPANSION JOINTS, CONTRACTION JOINTS, AND WATERSTOPS	USACE	03 15 13.00 10	
03151	A	EXPANSION, CONTRACTION AND CONSTRUCTION JOINTS IN CONCRETE FOR CIVIL WORKS	USACE	03 15 14.00 10	
03200	A	CONCRETE REINFORCEMENT	USACE	03 20 01.00 10	
03201		STEEL BARS AND WELDED WIRE FABRIC FOR CONCRETE REINFORCEMENT FOR CIVIL WORKS	USACE	03 20 02	
03230		STEEL STRESSING TENDONS AND ACCESSORIES FOR PRESTRESSED CONCRETE	USACE	03 23 00	
03300	A	CAST-IN-PLACE STRUCTURAL CONCRETE	USACE	03 31 00.00 10	
03300	N	CAST-IN-PLACE CONCRETE	NAVFAC	03 30 00.00 20	
03300	S	CAST-IN-PLACE CONCRETE	NASA	03 40 00.00 40	
03301	A	CAST-IN-PLACE STRUCTURAL CONCRETE FOR CIVIL WORKS	USACE	03 31 01.00 10	
03305	S	CAST-IN-PLACE CONCRETE (SHORT SECTION)	NASA	03 30 53.00 40	

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03307	CONCRETE FOR MINOR STRUCTURES	USACE	03 30 04	
03311	MARINE CONCRETE	NAVFAC	03 31 29	
03330	CAST-IN-PLACE ARCHITECTURAL CONCRETE	USACE	03 33 00	
03340	ROOF DECKING, CAST-IN-PLACE LOW DENSITY CONCRETE	USACE	03 51 00	
03371	SHOTCRETE	USACE	03 37 13	
03372	PREPLACED-AGGREGATE CONCRETE	USACE	03 37 00	
03373	CONCRETE FOR CONCRETE CUTOFF WALLS	USACE	03 37 29	
03410 A	PRECAST/PRESTRESSED CONCRETE FLOOR AND ROOF UNITS	USACE	03 41 33 .00 10	
03410	PRECAST[PRESTRESSED] STRUCTURAL CONCRETE	NAVFAC	03 45 33	
03413 A	PRECAST ARCHITECTURAL CONCRETE	USACE	03 45 01.00 10	
03413 S	STRUCTURAL PRECAST, PRETENSIONED CONCRETE-PLANT CAST	NASA	03 41 33.00 40	
03414 A	PRECAST ROOF DECKING	USACE	03 41 36.00 10	
03420 N	CONCRETE FLOATING PIER FOR SMALL CRAFT	NAVFAC	35 51 13 .00 20	
03435 S	PRECAST CONCRETE DECK	NASA	03 50 00.00 40	
03450	PLANT-PRECAST ARCHITECTURAL CONCRETE	NAVFAC	03 45 00	
03470 S	TILT-UP PRECAST CONCRETE	NASA	03 47 00.00 40	
03475 S	PRECAST CONCRETE WALL PANELS	NASA	03 45 00.00 40	
03511	GYPSUM PLANK DECKING (CONTRACTOR'S OPTION)	USACE	03 51 16	
03520	LIGHTWEIGHT CONCRETE ROOF INSULATION	NAVFAC	03 52 00	
03601	CATALYZED METALLIC GROUT (NASA UNIQUE)	NASA	03 62 16.00 40	
03700	MASS CONCRETE	USACE	03 70 00	
03701	ROLLER-COMPACTED CONCRETE FOR MASS CONCRETE CONSTRUCTION	USACE	03 37 23	
03900	RESTORATION OF CONCRETE IN HISTORIC STRUCTURES	USACE	03 01 30	
03930	CONCRETE REHABILITATION	NAVFAC	03 01 30.71	
03931	CONCRETE REHABILITATION FOR CIVIL WORKS	USACE	03 01 32	
DIVISION 04	MASONRY			
04200	MASONRY	USACE	04 20 00	
04200 S	MASONRY UNIT	NASA	04 20 00.00 40	
04215	GLAZED STRUCTURAL CLAY TILE AND PREFACED CONCRETE MASONRYUNITS	USACE	04 21 26	
04225 S	CONCRETE MASONRY UNITS	NASA	04 22 00.00 40	
04270	GLASS MASONRY UNITS	USACE	04 23 00	

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04810		NONBEARING MASONRY VENEER/STEEL STUD WALLS	USACE	04 21 13.13	
04900		RESTORATION AND CLEANING OF MASONRY IN HISTORIC STRUCTURES	USACE	04 01 40	
04910		REHABILITATION OF REINFORCED AND UNREINFORCED MASONRY WALLS USING SURFACE APPLIED FRP COMPOSITE STRUCTURAL REPOINTING	USACE	04 01 20	
04920		REHABILITATION OF REINFORCED AND UNREINFORCED MASONRY WALLS USING SURFACE APPLIED FRP COMPOSITES	USACE	04 01 21	
DIVISION 05		METALS			
05055	A	METALWORK FABRICATION, MACHINE WORK, MISCELLANEOUS PROVISIONS	USACE	05 50 03.00 10	
05090	A	WELDING, STRUCTURAL	USACE	05 05 23.00 10	
05090	S	WELDING, STRUCTURAL	NASA	41 36 19.00 40	
05091	A	ULTRASONIC INSPECTION OF WELDMENTS	USACE	05 05 23.13 10	
05092	A	ULTRASONIC INSPECTION OF PLATES	USACE	41 36 30.00 10	
05093		WELDING PRESSURE PIPING	USACE	43 02 00	
05096		WELDING ALUMINUM CONSTRUCTION (NASA UNIQUE)	NASA	05 14 00.00 40	
05120		STRUCTURAL STEEL	NAVFAC	05 12 00	
05120	S	STRUCTURAL STEEL	NASA	05 12 00.00 40	
05210	A	STEEL JOISTS	USACE	05 21 02.00 10	
05210	N	STEEL JOISTS [AND JOIST GIRDERS]	NAVFAC	05 21 00.00 20	
05210	S	STEEL JOISTS	NASA	05 21 00.00 40	
05310		STEEL DECKS	NAVFAC	05 30 00	
05310	S	STEEL DECKS	NASA	05 30 00.00 40	
05400		COLD-FORMED METAL FRAMING	NAVFAC	05 40 00	
05500		METAL: MISCELLANEOUS AND FABRICATIONS	NAVFAC	05 50 00	
05500	S	METAL FABRICATIONS	NASA	05 50 00.00 40	
05502		METALS: MISCELLANEOUS, STANDARD ARTICLES, SHOP FABRICATED ITEMS FOR CIVIL WORKS STRUCTURES	USACE	05 50 04	
05510	S	METAL STAIRS	NASA	05 51 00.00 40	
05615		STOPLOGS	USACE	35 20 14	
05650		RAILROAD TRACK AND ACCESSORIES	USACE	34 11 00	
05652	N	WELDING CRANE AND RAILROAD RAIL - THERMITE METHOD	NAVFAC	34 11 19.00 20	

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05700	S	ORNAMENTAL METAL	NASA	05 70 00.00 40	
DIVISION 06		WOOD AND PLASTICS			
06100		ROUGH CARPENTRY	NAVFAC	06 10 00	
06182		STRUCTURAL GLUE-LAMINATED TIMBER (NASA UNIQUE)	NASA	06 18 00.00 40	
06200		FINISH CARPENTRY	NAVFAC	06 20 00	
06410	A	LAMINATE CLAD ARCHITECTURAL CASEWORK	USACE	06 41 16.00 10	
06650		SOLID POLYMER (SOLID SURFACING) FABRICATIONS	USACE	06 61 16	
DIVISION 07		THERMAL AND MOISTURE PROTECTION			
07112		BITUMINOUS DAMPPROOFING	NAVFAC	07 11 13	
07121		BUILT-UP BITUMINOUS WATERPROOFING	NAVFAC	07 12 00	
07131		ELASTOMERIC SHEET WATERPROOFING	NAVFAC	07 13 53	
07141		FLUID-APPLIED WATERPROOFING	NAVFAC	07 14 00	
07161		METALLIC OXIDE WATERPROOFING	NAVFAC	07 16 19	
07170		BENTONITE WATERPROOFING	NAVFAC	07 17 00	
07190		WATER REPELLENTS	NAVFAC	07 19 00	
07212		MINERAL FIBER BLANKET INSULATION	NAVFAC	07 21 16	
07214		BOARD AND BLOCK INSULATION	NAVFAC	07 21 13	
07216		LOOSE FILL THERMAL INSULATION	NAVFAC	07 21 23	
07220		ROOF AND DECK INSULATION	NAVFAC	07 22 00	
07220	S	ROOF AND DECK INSULATION	NASA	07 22 00.00 40	
07240		EXTERIOR INSULATION AND FINISH SYSTEMS	NAVFAC	07 24 00	
07310		SLATE ROOFING	USACE	07 31 26	
07311		ASPHALT SHINGLES	NAVFAC	07 31 13	
07320		ROOF TILES	NAVFAC	07 32 13	
07321		CLAY TILE ROOFING REPLACEMENT OR REPAIR	NAVFAC	07 32 14	
07400	S	ROOFING AND SIDING PANELS	NASA	07 40 00.00 40	
07412		NON-STRUCTURAL METAL ROOFING	NAVFAC	07 41 13	
07413		METAL WALL PANELS	NAVFAC	07 42 13	
07416	A	STRUCTURAL STANDING SEAM METAL ROOF (SSSMR) SYSTEM	USACE	07 61 13.00 10	
07467	S	STEEL SIDING	NASA	07 46 19.00 40	
07511		ASPHALT BUILT-UP ROOFING	NAVFAC	07 51 13	
07511	S	ASPHALT BUILT-UP ROOFING	NASA	07 51 13.13 40	BUILT-UP ASPHALT ROOFING
07515		PROTECTED MEMBRANE ROOFING (PMR)	USACE	07 55 00	

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07530		ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE	NAVFAC	07 55 23	
07530	S	ETHYLENE PROPYLENE DIENE MONOMER (EPDM) ROOF MEMBRANE	NASA	07 53 00.00 40	SI NGLE PLY MEMBRANE ROOFING
07548		POLYVINYL CHLORIDE (PVC) ROOFING	USACE	07 54 19	
07550		MODIFIED BITUMINOUS MEMBRANE ROOFING	NAVFAC	07 52 00	
07550	S	MODIFIED BITUMINOUS MEMBRANE ROOFING	NASA	07 52 00.00 40	
07570		SPRAYED POLYURETHANE FOAM (SPF) ROOFING	NAVFAC	07 57 13	
07600		FLASHING AND SHEET METAL	NAVFAC	07 60 00	
07600	S	FLASHING AND SHEETMETAL	NASA	07 60 00.00 40	
07610		COPPER ROOF SYSTEM	USACE	07 61 01	
07611	N	STEEL STANDING SEAM ROOFING	NAVFAC	07 61 14.00 20	
07612	N	ALUMINUM STANDING SEAM ROOFING	NAVFAC	07 61 15.00 20	
07620		MESH TERMITE BARRIER	USACE	31 31 16.21	
07625		COPPER SHEET METAL FLASHING	USACE	07 62 10	
07720		ROOF VENTILATORS, GRAVITY-TYPE	USACE	07 72 00	
07810		SPRAY-APPLIED FIREPROOFING	USACE	07 81 00	
07840		FIRESTOPPING	USACE	07 84 00	
07920	S	SEALANTS AND CALKINGS	NASA	07 92 00.00 40	JOINT SEALANTS
07920		JOINT SEALANTS	NAVFAC	07 92 00	
DIVISION 08		DOORS AND WINDOWS			
08110	S	METAL DOORS AND FRAMES	NASA	08 11 00.00 40	STEEL DOORS AND FRAMES
08110		STEEL DOORS AND FRAMES	NAVFAC	08 11 13	
08120		ALUMINUM DOORS AND FRAMES	NAVFAC	08 11 16	
08120	S	ALUMINUM DOORS AND FRAMES	NASA	08 11 16.00 40	
08160	S	SLIDING METAL DOORS	NASA	08 13 73.00 40	
08161		ALUMINUM SLIDING GLASS DOORS	NAVFAC	08 32 13	
08162		SLIDING FIRE DOORS	NAVFAC	08 11 73	
08165		SLIDING METAL DOORS	USACE	08 13 73	
08181		METAL STORM DOORS	NAVFAC	08 11 69	
08210	S	WOOD DOORS	NASA	08 14 00.00 40	
08210		WOOD DOORS	NAVFAC	08 14 00	
08302		CORROSION CONTROL HANGAR DOORS	NAVFAC	08 34 16	

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08315	BLAST RESISTANT DOORS (OVAL ARCH MAGAZINES)	NAVFAC	08 39 53	
08330	OVERHEAD ROLLING DOORS	USACE	08 33 23	
08331 S	OVERHEAD COILING DOORS	NASA	08 33 23.00 40	
08331 A	METAL ROLLING COUNTER DOORS	USACE	08 33 13.00 10	
08331 N	ROLLING SERVICE [AND FIRE] DOORS	NAVFAC	08 34 19.10 20	
08342	STEEL SLIDING HANGAR DOORS	NAVFAC	08 34 16.10	
08345	SOUND CONTROL DOOR ASSEMBLIES (NASA UNIQUE)	NASA	08 34 73.00 40	
08361 S	SECTIONAL OVERHEAD DOORS	NASA	08 36 13.00 40	
08361	SECTIONAL OVERHEAD DOORS	NAVFAC	08 36 13	
08370	VERTICAL LIFT DOORS	NAVFAC	08 36 19	
08371	VERTICAL LIFT FABRIC DOORS	NAVFAC	08 34 16.20	
08390	BLAST RESISTANT DOORS	USACE	08 39 54	
08510 S	STEEL WINDOWS	NASA	08 51 23.00 40	
08510	STEEL WINDOWS	NAVFAC	08 51 23	
08520 S	ALUMINUM WINDOWS	NASA	08 51 13.00 40	
08520 A	ALUMINUM AND ENVIRONMENTAL CONTROL ALUMINUM WINDOWS	USACE	08 51 14.00 10	
08520 N	ALUMINUM WINDOWS	NAVFAC	08 51 13.00 20	
08550	WOOD WINDOWS	NAVFAC	08 52 00	
08560	PLASTIC WINDOWS	NAVFAC	08 53 00	
08581	BLAST RESISTANT TEMPERED GLASS WINDOWS	NAVFAC	08 56 53	
08582	ALUMINUM STORM WINDOWS	NAVFAC	08 51 69.10	
08590	WOOD WINDOWS - REPAIR AND REHABILITATION	USACE	08 52 70	
08600	SKYLIGHTS	USACE	08 62 00	
08710 S	DOOR HARDWARE	NASA	08 71 00.00 40	
08710	DOOR HARDWARE	NAVFAC	08 71 00	
08745	ELECTRICAL LOCKING CONTROL FOR BRIGS	NAVFAC	08 71 63.10	
08800	GLAZING	NAVFAC	08 81 00	
08805 S	GLASS AND GLAZING	NASA	08 81 00.00 40	
08850	FRAGMENT RETENTION FILM FOR GLASS	USACE	08 87 16	
08900 S	GLAZED CURTAIN WALLS	NASA	08 44 00.00 40	
08900	GLAZED CURTAIN WALL	NAVFAC	08 44 00	
DIVISION 09	FINISHES			
09100	METAL SUPPORT ASSEMBLIES	NAVFAC	09 22 00	

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09200	A	LATHING AND PLASTERING	USACE	09 22 37.00 10	
09205	N	FURRING AND LATHING	NAVFAC	09 22 36.00 20	
09210	S	GYPSUM PLASTER	NASA	09 23 00.00 40	
09210		GYPSUM PLASTER	NAVFAC	09 23 00	
09212	S	FIREPROOF PLASTER	NASA	09 23 82.00 40	FIREPROOFING PLASTER
09215		veneer plaster	NAVFAC	09 26 00	
09225		STUCCO	USACE	09 24 23	
09250	S	GYPSUM BOARD	NASA	09 29 00.00 40	
09250		GYPSUM BOARD	NAVFAC	09 29 00	
09310	S	CERAMIC TILE, QUARRY TILE, AND PAVER TILE	NASA	09 40 13.00 40	
09310		CERAMIC TILE, QUARRY TILE, AND PAVER TILE	USACE	09 30 00	
09330	S	QUARRY TILE	NASA	09 40 16.00 40	
09330		CHEMICAL-RESISTANT QUARRY TILE	USACE	09 35 16	
09410		PORTLAND CEMENT TERRAZZO	USACE	09 66 13	
09421		TERRAZZO TILE	USACE	09 66 16	
09445		RESINOUS TERRAZZO FLOORING	USACE	09 66 23	
09510	S	ACOUSTICAL CEILINGS	NASA	09 51 00.00 40	
09510		ACOUSTICAL CEILINGS	USACE	09 51 00	
09611		THIN FILM FLOORING SYSTEM FOR AIRCRAFT MAINTENANCE FACILITIES	NAVFAC	09 62 50.10	
09612		EPOXY MORTAR FLOORING SYSTEM FOR AIRCRAFT MAINTENANCE FACILITIES	NAVFAC	09 62 50.12	
09620		RESILIENT ATHLETIC FLOORING	USACE	09 65 66	
09640		WOOD STRIP FLOORING	USACE	09 64 29	
09641		WOOD ATHLETIC FLOORING	NAVFAC	09 64 66	
09643		PORTABLE (DEMOUNTABLE) WOOD FLOORING	NAVFAC	09 64 00	
09645		WOOD PARQUET FLOORING	USACE	09 64 23	
09650	S	RESILIENT FLOORING	NASA	09 65 00.00 40	
09650		RESILIENT FLOORING	USACE	09 65 00	
09660		CONDUCTIVE VINYL FLOORING	USACE	09 65 33	
09670		FLUID-APPLIED FLOORING	USACE	09 67 00	
09675	S	HEAVY DUTY EPOXY FLOORING	NASA	09 67 00.00 40	
09680	S	CARPET	NASA	09 68 00.00 40	

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09680		CARPET	USACE	09 68 00	
09720	S	WALLCOVERINGS	NASA	09 72 00.00 40	WALL COVERINGS
09720		WALLCOVERINGS	USACE	09 72 00	
09840		ACOUSTICAL WALL TREATMENT	USACE	09 83 13	
09900		PAINTS AND COATINGS	NAVFAC	09 90 00	
09910		MAINTENANCE, REPAIR, AND COATING OF TALL ANTENNA TOWERS	NAVFAC	09 97 13.25	
09915		COLOR SCHEDULE	USACE	09 06 90	
09920	S	ARCHITECTURAL PAINTING	NASA	09 90 00.00 40	
09960		HIGH-PERFORMANCE COATINGS (NASA UNIQUE)	NASA	09 96 00.00 40	
09963		HIGH-BUILD GLAZE COATINGS	NAVFAC	09 96 59	
09964		PAINTING: HYDRAULIC STRUCTURES	USACE	09 97 02	
09965		METALLIC TYPE CONDUCTIVE/SPARK RESISTANT CONCRETE FLOOR FINISH	NAVFAC	09 97 23	
09967		COATING OF STEEL WATERFRONT STRUCTURES	NAVFAC	09 97 13.26	
09970	S	COATINGS FOR STEEL	NASA	09 97 13.00 40	
09970		INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	09 97 13.15	
09971		EXTERIOR COATING OF STEEL STRUCTURES	NAVFAC	09 97 13.27	
09971	A	METALLIZING: HYDRAULIC STRUCTURES	USACE	09 97 01.00 10	
09972		INTERIOR COATING OF WELDED STEEL WATER TANKS	NAVFAC	09 97 13.16	
09973		INTERIOR COATING OF WELDED STEEL PETROLEUM FUEL TANKS	NAVFAC	09 97 13.17	
09974		PROTECTION OF BURIED STEEL PIPING AND STEEL BULKHEAD TIE RODS	NAVFAC	09 97 13.28	
09980		INTERIOR LINING FOR CONCRETE STORAGE TANKS (FOR PETROLEUM FUELS)	NAVFAC	09 97 23.13	
09981		LINSEED OIL PROTECTION OF CONCRETE SURFACES	NAVFAC	09 97 23.16	
09995		PREPARATION OF HISTORIC WOOD AND METAL SURFACES FOR PAINTING	USACE	09 97 30	
DIVISION 10		SPECIALTIES			
10100		VISUAL COMMUNICATIONS SPECIALTIES	USACE	10 10 00	
10153		TOILET PARTITIONS	USACE	10 21 13	
10160	S	TOILET COMPARTMENTS	NASA	10 21 13.00 40	
10165	S	PLASTIC LAMINATE TOILET COMPARTMENTS	NASA	10 21 13.16 40	
10191		CUBICLE TRACK AND HARDWARE	NAVFAC	10 21 23.16	

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10201	METAL [WALL] [AND] [DOOR] LOUVERS	NAVFAC	08 91 00	
10260	WALL AND CORNER GUARDS	USACE	10 26 13	
10270	ACCESS FLOORING	USACE	09 69 00	
10275 S	ELEVATED FLOOR SYSTEM	NASA	09 69 00.00 40	
10430	EXTERIOR SIGNAGE	USACE	10 14 01	
10440	INTERIOR SIGNAGE	USACE	10 14 02	
10500 S	LOCKERS	NASA	10 51 00.00 40	
10505	STEEL CLOTHING LOCKERS	NAVFAC	10 51 13	
10523	PORTABLE FIRE EXTINGUISHERS (NASA UNIQUE)	NASA	10 44 16.00 40	
10600 S	PARTITIONS	NASA	10 22 00.00 40	
10605 S	WIRE MESH PARTITIONS	NASA	10 22 13.00 40	
10605	WIRE MESH PARTITIONS	NAVFAC	10 22 13	
10615	DEMOUNTABLE PARTITIONS	USACE	10 22 19	DEMOUNTABLE MOVABLE PARTITIONS
10620 S	DEMOUNTABLE GYPSUM BOARD PARTITIONS	NASA	10 22 19.53 40	
10650	OPERABLE PARTITIONS	USACE	10 22 26	
10655 S	ACCORDION-FOLDING PARTITIONS	NASA	10 22 26.13 40	
10655	ACCORDION FOLDING PARTITIONS	NAVFAC	10 22 26.13	
10675	STEEL SHELVING	NAVFAC	10 56 13	
10716	STORM SHUTTERS	NAVFAC	10 71 13.13	
10800 S	TOILET AND BATH ACCESSORIES	NASA	10 28 00.00 40	TOILET ACCESSORIES
10800	TOILET ACCESSORIES	USACE	10 28 13	
DIVISION 11	EQUIPMENT			
11020	SECURITY VAULT DOOR	USACE	08 34 59	
11022	DOORS; FIRE-INSULATED, RECORD-VAULT	USACE	08 34 53	
11025 S	FIRE INSULATED, RECORD VAULT DOORS	NASA	08 34 53.00 40	
11025	FORCED ENTRY RESISTANT COMPONENTS	USACE	08 34 01	
11035	BULLET-RESISTANT COMPONENTS	USACE	08 34 02	
11145	AVIATION FUELING SYSTEMS	USACE	33 52 44	
11161 S	DOCK LEVELERS	NASA	11 13 19.13 40	
11161	DOCK LEVELERS	USACE	11 13 10	
11171	PACKAGED INCINERATORS	NAVFAC	11 82 19	
11181	INCINERATORS, GENERAL PURPOSE	USACE	11 82 20	
11182	INCINERATORS, MEDICAL WASTE	USACE	11 82 21	

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11191	DETENTION AND SECURITY WINDOWS	NAVFAC	08 56 63	
11192	DETENTION AND SECURITY GLAZING	NAVFAC	08 88 53	
11193	DETENTION HOLLOW METAL FRAMES, DOORS, AND DOOR FRAMES	NAVFAC	08 34 63	
11194	DETENTION HARDWARE	NAVFAC	08 71 63	
11195	DETENTION FURNITURE AND ACCESSORIES	NAVFAC	12 55 00	
11211	PUMPS: WATER, CENTRIFUGAL	USACE	43 21 13	
11212	PUMPS: WATER, VERTICAL TURBINE	USACE	43 21 39	
11215	FANS/BLOWERS/PUMPS; OFF-GAS	USACE	43 11 00	
11220	PRECIPITATION/COAGULATION/FLOCCULATION WATER TREATMENT	USACE	02 51 13	
11225	DOWNFLOW LIQUID ACTIVATED CARBON ADSORPTION UNITS	USACE	43 31 13.14	
11226	VAPOR PHASE ACTIVATED CARBON ADSORPTION UNITS	USACE	43 13 13.13	
11241	CHLORINE-FEEDING MACHINES (AUTOMATIC, SEMIAUTOMATIC AND MANUAL)	USACE	43 32 76	
11242	CHEMICAL FEED SYSTEMS	USACE	43 32 69	
11243	CHEMICAL TREATMENT OF WATER FOR MECHANICAL SYSTEMS	USACE	23 25 00	
11250	WATER SOFTENERS, CATION-EXCHANGE (SODIUM CYCLE)	USACE	22 31 00	
11283 A	ELECTROMECHANICAL OPERATING MACHINERY FOR LOCKS	USACE	35 01 41.00 10	
11284 A	VERTICAL GATE LIFT SYSTEMS	USACE	35 01 42.00 10	
11285	MITER GATES	USACE	35 20 16.33	
11286	SECTOR GATES	USACE	35 20 16.39	
11287	TAINTER GATES AND ANCHORAGES	USACE	35 20 16.46	
11288	VERTICAL LIFT GATES	USACE	35 20 16.53	
11289	CLOSURE GATES	USACE	35 20 16.59	
11290	WIRE ROPE FOR GATE OPERATING DEVICES	USACE	35 01 43	
11301	AIR STRIPPER	USACE	11 24 27	
11310	PUMPS; SEWAGE AND SLUDGE	USACE	44 46 00	
11311	PARALLEL PLATE [OR VERTICAL TUBE], GRAVITY OIL-WATER SEPARATOR	NAVFAC	44 42 53	
11312	PACKAGE [GRINDER PUMP][LIFT] STATION	NAVFAC	33 3216.13	
11313	PNEUMATIC SEWAGE EJECTORS	USACE	22 13 36	
11314	SIPHONS, DOSING	USACE	33 34 13	
11320	GRIT COLLECTING EQUIPMENT	NAVFAC	44 42 39	

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11330	SEWAGE BAR SCREEN AND MECHANICAL SHREDDER	USACE	22 13 23	
11331	COMMINUTOR	USACE	44 42 26	
11338	CIRCULAR CLARIFIER	NAVFAC	44 42 23	
11350	SLUDGE-COLLECTING EQUIPMENT	USACE	44 46 13	
11360	RECESSED CHAMBER FILTER PRESS SYSTEM	USACE	44 46 16	
11365	TRICKLING FILTER	USACE	43 31 14	
11375 A	AIR SUPPLY AND DIFFUSION EQUIPMENT FOR SEWAGE TREATMENT	USACE	44 42 13.00 10	
11375 N	AERATION EQUIPMENT	NAVFAC	44 42 13.00 20	
11376	ULTRAVIOLET DISINFECTION EQUIPMENT	USACE	44 44 73	
11377	ADVANCED OXIDATION PROCESSES (AOP)	USACE	44 44 53	
11378	THERMAL (CATALYTIC) OXIDATION SYSTEMS	USACE	44 11 33	
11380	SLUDGE-DIGESTER GAS, HEATING, AND MIXING SYSTEM	USACE	44 46 19	
11390	PREFABRICATED BIOCHEMICAL WASTEWATER TREATMENT PLANT	USACE	44 41 13	
11391	CONTINUOUS LOOP REACTOR WASTEWATER TREATMENT SYSTEM	USACE	44 42 59	
11393	FILTRATION SYSTEM	USACE	44 43 00	
11400 A	FOOD SERVICE EQUIPMENT	USACE	11 46 01.00 10	
11400 N	FOOD SERVICE EQUIPMENT	NAVFAC	11 40 00.00 20	
11401	ELECTRIC KITCHEN EQUIPMENT	NAVFAC	11 31 13	
11475	RADIOGRAPHIC DARKROOM EQUIPMENT	NAVFAC	11 27 13	
11500	AIR POLLUTION CONTROL	USACE	44 10 00	
11601	LABORATORY EQUIPMENT AND FUMEHOODS	NAVFAC	11 53 00	
11700	GENERAL REQUIREMENTS FOR MEDICAL AND DENTAL EQUIPMENT	NAVFAC	11 70 00	
11702	MEDICAL EQUIPMENT, MISCELLANEOUS	NAVFAC	11 72 13	
11706	HYDROTHERAPY EQUIPMENT	NAVFAC	44 44 46	
11708	INSTALLATION OF GOVERNMENT-FURNISHED MEDICAL EQUIPMENT	NAVFAC	01 73 19	
11710	WARMING CABINETS, STERILIZERS, AND ASSOCIATED EQUIPMENT	USACE	11 71 00	
11744	DENTAL EQUIPMENT	NAVFAC	11 74 00	
DIVISION 12	FURNISHINGS			
12301 N	MANUFACTURED VANITIES	NAVFAC	12 36 00.00 20	
12303 S	CABINETS, STEEL AND WOOD	NASA	12 30 00.00 40	

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12320	A	RESIDENTIAL CABINETS AND COUNTERTOPS	USACE	12 35 30.00 10	
12350		MEDICAL AND DENTAL CASEWORK	USACE	12 35 70	
12352	N	RESIDENTIAL CASEWORK	NAVFAC	12 35 30.00 20	
12485		ENTRANCE AND FLOOR MATS (NASA UNIQUE)	NASA	12 48 13.13 40	
12490	S	WINDOW TREATMENT	NASA	12 20 00.00 40	
12490		WINDOW TREATMENT	USACE	12 20 00	
12491	N	CURTAINS AND DRAPES	NAVAFC	12 22 00.00 20	
12495	S	HORIZONTAL LOUVER BLINDS	NASA	12 21 13.00 40	
12610		FIXED SEATING	USACE	12 65 00	
12705		FURNITURE SYSTEMS	USACE	12 50 00	
DIVISION 13		SPECIAL CONSTRUCTION			
13034		PREFABRICATED AUDIOMETRIC ROOMS	NAVFAC	13 21 48	
13038		COLD-STORAGE ROOMS (PREFABRICATED PANEL TYPE)	NAVFAC	13 21 26	
13080		SEISMIC PROTECTION FOR MISCELLANEOUS EQUIPMENT	USACE	13 48 00	
13090		X-RAY SHIELDING	USACE	13 49 19	
13093	N	RADIO FREQUENCY SHIELDED ENCLOSURES, DEMOUNTABLE TYPE	NAVFAC	08 56 46.10 20	
13094	N	RADIO FREQUENCY SHIELDED ENCLOSURES, WELDED TYPE	NAVFAC	08 56 46.20 20	
13095	A	ELECTROMAGNETIC (EM) SHIELDING	USACE	13 27 54.00 10	
13095	N	HEMP SHIELDED DOOR	NAVFAC	08 34 49.00 20	
13100	S	LIGHTNING PROTECTION SYSTEMS	NASA	26 41 00.00 40	
13100	A	LIGHTNING PROTECTION SYSTEM	USACE	26 41 01.00 10	
13100	N	LIGHTNING PROTECTION SYSTEM	NAVFAC	26 41 00.00 20	
13110	S	CATHODIC PROTECTION	NASA	26 42 13.00 40	
13110	A	CATHODIC PROTECTION SYSTEM (SACRIFICIAL ANODE)	USACE	26 42 14.00 10	
13110	N	CATHODIC PROTECTION BY GALVANIC ANODES	NAVFAC	26 42 13.00 20	
13111	A	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	USACE	26 42 15.00 10	
13111	N	CATHODIC PROTECTION BY IMPRESSED CURRENT	NAVFAC	26 42 19.00 20	
13112	S	CATHODIC PROTECTION SYSTEM (IMPRESSED CURRENT)	NASA	26 42 19.00 40	
13112	A	CATHODIC PROTECTION SYSTEM (IMPRESSED CURRENT)	USACE	26 42 17.00 10	
13112	N	CATHODIC PROTECTION SYSTEM (STEEL WATER TANKS)	NAVFAC	26 42 22.00 20	
13113		CATHODIC PROTECTION SYSTEMS (IMPRESSED CURRENT) FOR LOCK MITER GATES	USACE	26 42 19.10	

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13120		PREENGINEERED METAL BUILDINGS	NAVFAC	13 34 19	
13121	S	PRE-ENGINEERED BUILDINGS	NASA	13 34 00.00 40	
13121		METAL BUILDING SYSTEMS (MINOR REQUIREMENTS)	USACE	13 34 20	
13202		FUEL STORAGE SYSTEMS	USACE	23 10 00	
13203		TIGHTNESS TESTING OF UNDERGROUND FUEL SYSTEMS	USACE	33 56 17	
13205		STEEL TANKS WITH FIXED ROOFS	NAVFAC	33 56 13.13	
13208		WIRE-WOUND CIRCULAR PRESTRESSED-CONCRETE WATER TANK	NAVFAC	33 16 13.16	
13209		WATER STORAGE STEEL TANKS	USACE	33 16 15	
13210	S	ELEVATED STEEL WATER TANK	NASA	33 16 13.13 40	
13210		ABOVEGROUND FUEL OIL STORAGE TANKS	NAVFAC	33 56 13	
13211		PRESSURE VESSELS FOR STORAGE OF COMPRESSED GASES	USACE	33 56 53	
13215		FIBERGLASS-REINFORCED POLYESTER STORAGE TANK (NASA UNIQUE)	NASA	43 41 13.19 40	
13216		UNDERGROUND PETROLEUM TANKS	NAVFAC	33 56 16	
13217		FIBERGLASS-PLASTIC LINING FOR STEEL TANK BOTTOMS (FOR PETROLEUM)	NAVFAC	33 56 13.14	
13219		CLEANING PETROLEUM STORAGE TANKS	NAVFAC	33 65 00	
13234		FLOATING COVER FOR SLUDGE-DIGESTION TANKS	USACE	44 46 20	
13280	A	ASBESTOS HAZARD CONTROL ACTIVITIES	USACE	02 82 14.00 10	
13281	A	LEAD BASED PAINT HAZARD ABATEMENT, TARGET HOUSING & CHILD OCCUPIED FACILITIES	USACE	02 83 19.00 10	
13281	N	ENGINEERING CONTROL OF ASBESTOS CONTAINING MATERIALS	NAVFAC	02 82 16.00 20	
13282	N	LEAD IN CONSTRUCTION	NAVFAC	02 83 13.00 20	
13283	N	REMOVAL/CONTROL AND DISPOSAL OF PAINT WITH LEAD	NAVFAC	02 82 33.13 20	
13284		REMOVAL AND DISPOSAL OF POLYCHLORINATED BIPHENYLS (PCBs)	NAVFAC	02 84 33	
13285		REMOVAL AND DISPOSAL OF PCB CONTAMINATED SOILS	NAVFAC	02 61 23	
13286		HANDLING OF LIGHTING BALLASTS AND LAMPS CONTAINING PCBs AND MERCURY	NAVFAC	02 84 16	
13287		RADON MITIGATION	NAVFAC	31 21 13	
13290		COMPOSTING TOILET	USACE	44 41 13.19	
13401		FLOW MEASURING EQUIPMENT [POTABLE WATER] [SEWAGE TREATMENT PLANT]	NAVFAC	43 21 29	

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13405		PROCESS CONTROL	USACE	40 95 00	
13412	S	INSTRUMENTATION	NASA	13 50 00.00 40	
13420		SELF-ACTING BLAST VALVES	USACE	23 33 56	
13451		POWER MONITORING SYSTEM	USACE	26 09 13	
13600	A	SOLAR WATER HEATING EQUIPMENT	USACE	22 33 30.00 10	
13610	N	SOLAR LIQUID FLAT PLATE COLLECTORS	NAVFAC	48 14 13.00 20	
13702	N	BASIC INTRUSION DETECTION SYSTEMS (IDS)	NAVFAC	28 16 00.00 20	
13703	N	COMMERCIAL INTRUSION DETECTION SYSTEMS (IDS)	NAVFAC	28 20 00.00 20	ELECTRONIC SECURITY SYSTEM (ESS), COMMERCIAL
13720	A	ELECTRONIC SECURITY SYSTEM	USACE	28 20 01.00 10	
13721	A	SMALL INTRUSION DETECTION SYSTEM	USACE	28 16 01.00 10	
13729		CENTRAL MONITORING SERVICES FOR ELECTRONIC SECURITY SYSTEMS	USACE	28 20 02	
13798		DURESS SIGNAL SYSTEM [FOR BRIG FACILITIES]	NAVFAC	28 26 23	
13799		WATCHTOUR SYSTEM [FOR BRIG FACILITIES]	NAVFAC	28 40 01	
13801		UTILITY MONITORING AND CONTROL SYSTEM (UMCS)	USACE	25 10 10	
13810		UTILITY MONITORING AND CONTROL SYSTEM TESTING	USACE	25 08 10	
13850	A	FIRE DETECTION AND ALARM SYSTEM, DIRECT CURRENT LOOP	USACE	28 31 00.00 10	
13851	A	FIRE DETECTION AND ALARM SYSTEM, ADDRESSABLE	USACE	28 31 64.00 10	
13851	N	EXTERIOR FIRE ALARM SYSTEM, CLOSED CIRCUIT TELEGRAPHIC TYPE	NAVFAC	28 31 73.00 20	
13852	S	FIRE-ALARM SYSTEMS	NASA	28 31 53.00 40	
13852	A	FIRE ALARM REPORTING SYSTEM, RADIO TYPE	USACE	28 31 33.00 10	
13852	N	INTERIOR FIRE DETECTION AND ALARM SYSTEM	NAVFAC	28 31 74.00 20	
13853	A	CENTRAL FIRE ALARM SYSTEM, DIGITAL ALARM COMMUNICATOR TYPE	USACE	28 31 75.00 10	
13853	N	EXTERIOR FIRE REPORTING SYSTEM, RADIO TYPE	NAVFAC	28 31 33.13 20	
13854	S	GAS DETECTION SYSTEMS	NASA	28 33 00.00 40	
13854	N	FIRE ALARM REPORTING SYSTEMS - DIGITAL COMMUNICATORS	NAVFAC	28 31 02.00 20	
13855	N	ANALOG/ADDRESSABLE INTERIOR FIRE ALARM SYSTEM	NAVFAC	28 31 63.00 20	
13856		CARBON MONOXIDE DETECTORS	NAVFAC	28 31 49	
13859		INTERIOR FIRE ALARM AND MASS NOTIFICATION SYSTEM	USACE	28 31 76	
13920		FIRE PUMPS	USACE	21 30 00	
13930	S	FIRE SPRINKLER SYSTEMS	NASA	21 13 00.00 40	

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13930	A	WET PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	21 13 13.00 10	
13930	N	WET-PIPE FIRE SUPPRESSION SPRINKLERS	NAVFAC	21 13 00.00 20	
13931		FIRE EXTINGUISHING SPRINKLER SYSTEMS (RESIDENTIAL)	NAVFAC	21 21 00	
13935	A	DRY PIPE SPRINKLER SYSTEM, FIRE PROTECTION	USACE	21 13 17.00 10	
13935	N	DRY-PIPE FIRE SPRINKLER SYSTEMS	NAVFAC	21 13 16.00 20	
13945	A	PREACTION AND DELUGE SPRINKLER SYSTEMS, FIRE PROTECTION	USACE	21 13 18.00 10	
13945	N	[DELUGE] [PREACTION] FIRE SPRINKLER SYSTEMS	NAVFAC	21 13 19.00 20	
13950	S	DELUGE SPRINKLER SYSTEMS	NASA	21 13 26.00 40	
13955	A	AQUEOUS FILM-FORMING FOAM (AFFF) FIRE PROTECTION SYSTEM	USACE	21 13 24.00 10	
13956	N	FOAM FIRE EXTINGUISHING FOR AIRCRAFT HANGARS	NAVFAC	21 13 20.00 20	
13957	N	FOAM FIRE EXTINGUISHING FOR FUEL TANK PROTECTION	NAVFAC	21 13 21.00 20	
13958	N	FOAM FIRE EXTINGUISHING FOR HAZ/FLAM MATERIAL FACILITY	NAVFAC	21 13 22.00 20	
13960	S	CARBON DIOXIDE EXTINGUISHING SYSTEMS	NASA	21 21 00.00 40	
13961	N	CARBON DIOXIDE FIRE EXTINGUISHING (HIGH PRESSURE)	NAVFAC	21 21 01.00 20	
13962	N	CARBON DIOXIDE FIRE EXTINGUISHING (LOW PRESSURE)	NAVFAC	21 21 02.00 20	
13965	A	WET CHEMICAL FIRE EXTINGUISHING SYSTEM	USACE	21 21 03.00 10	
13966	N	HALON 1301 FIRE EXTINGUISHING	NAVFAC	21 22 00.00 20	
13971	N	WET CHEMICAL FIRE EXTINGUISHING FOR KITCHEN CABINET	NAVFAC	21 23 00.00 20	
13975		STANDPIPE SYSTEMS	NAVFAC	21 12 00	
DIVISION 14		CONVEYING SYSTEMS			
14210		ELEVATORS, ELECTRIC	USACE	14 20 00	
14210	S	ELECTRIC TRACTION ELEVATORS	NASA	14 21 00.00 40	
14210	N	ELECTRIC TRACTION ELEVATORS	NAVFAC	14 21 00.00 20	
14240	S	HYDRAULIC ELEVATORS	NASA	14 24 00.00 40	
14240		HYDRAULIC ELEVATORS	USACE	14 24 00	
14534	N	MONORAILS WITH MANUAL HOIST	NAVFAC	41 22 03.13 20	
14535	N	MONORAILS WITH AIR POWERED HOISTS	NAVFAC	41 22 03.16 20	MONORAILS WITH AIR MOTOR POWERED HOISTS
14580		PNEUMATIC-TUBE SYSTEM	USACE	14 92 00	
14600	S	HOISTS AND CRANES	NASA	41 22 00.00 40	
14605	A	MONORAILS WITH ELECTRIC, AIR OR MANUAL HOISTS	USACE	41 22 23.19 10	
14606	N	PORTAL CRANE TRACK INSTALLATION	NAVFAC	41 22 23.23 20	
14622	N	MONORAILS WITH ELECTRIC POWERED HOISTS	NAVFAC	41 22 03.19 20	

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14630	A	OVERHEAD ELECTRIC CRANES	USACE	41 22 15.00 10	
14636	N	CRANES, OVERHEAD ELECTRIC, TOP RUNNING (UNDER 20,000 POUNDS)	NAVFAC	41 22 13.13 20	
14637	N	CRANES, OVERHEAD ELECTRIC, UNDERRUNNING	NAVFAC	41 22 13.14 20	
14920	S	MONORAIL SYSTEMS	NASA	41 22 23.19 40	
DIVISION 15		MECHANICAL			
15003	S	GENERAL MECHANICAL PROVISIONS	NASA	23 00 00.00 40	
15005	A	SPEED REDUCERS FOR STORM WATER PUMPS	USACE	33 45 00.00 10	
15010	A	HYDRAULIC POWER SYSTEMS FOR CIVIL WORKS STRUCTURES	USACE	41 24 27.00 10	
15050	N	BASIC MECHANICAL MATERIALS AND METHODS	NAVFAC	23 03 00.00 20	
15050	S	BASIC MECHANICAL MATERIALS AND METHODS	NASA	23 05 00.00 40	
15055	S	WELDING MECHANICAL	NASA	23 31 13.20 40	
15070	A	SEISMIC PROTECTION FOR MECHANICAL EQUIPMENT	USACE	13 48 00.00 10	
15070	N	MECHANICAL SOUND, VIBRATION, AND SEISMIC CONTROL	NAVFAC	22 05 48.00 20	
15072	S	VIBRATION ISOLATION FOR AIR CONDITIONING EQUIPMENT	NASA	23 05 48.00 40	
15080		THERMAL INSULATION FOR MECHANICAL SYSTEMS	USACE	23 07 00	
15081	N	EXTERIOR PIPING INSULATION	NAVFAC	22 07 10.00 20	
15083	S	DUCT INSULATION	NASA	23 07 13.00 40	
15085	S	PIPING INSULATION	NASA	22 07 19.00 40	
15102	S	PLUMBING	NASA	22 00 00.00 40	
15106	S	FERROUS PIPE AND FITTINGS	NASA	23 22 13.13 40	
15107	S	PLASTIC PIPE AND FITTINGS	NASA	22 10 00.00 40	
15108	S	STAINLESS STEEL PIPE AND FITTINGS	NASA	22 15 13.00 40	
15110	S	VALVES	NASA	23 09 13.33 40	
15119	S	SELF-CONTAINED CONTROL AND RELIEF VALVES	NASA	23 09 13.34 40	
15120	S	PIPING SPECIALTIES	NASA	40 42 13.26 40	
15125	S	STEAM TRAPS	NASA	23 22 13.35 40	
15131	A	VERTICAL PUMPS, AXIAL-FLOW AND MIXED-FLOW IMPELLER-TYPE	USACE	22 10 00.00 10	
15132	A	SUBMERSIBLE PUMP, AXIAL-FLOW AND MIXED-FLOW TYPE	USACE	22 11 23.00 10	
15133	A	DIESEL/NATURAL GAS FUELED ENGINE PUMP DRIVES	USACE	41 65 10.00 10	
15135	S	CENTRIFUGAL PUMPS	NASA	43 21 13.00 40	
15181		CHILLED, CHILLED-HOT, AND CONDENSER WATER PIPING AND ACCESSORIES	NAVFAC	23 64 26	

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15181	S	CHILLED, CHILLED-HOT, AND CONDENSER WATER PIPING SYSTEM	NASA	23 20 00.00 40	
15182		REFRIGERANT PIPING	USACE	23 23 00	
15183	N	STEAM SYSTEM AND TERMINAL UNITS	NAVFAC	23 22 26.00 20	
15184	N	[HIGH][MEDIUM] TEMPERATURE WATER SYSTEM WITHIN BUILDINGS	NAVFAC	23 21 13.23 20	
15185	N	LOW TEMPERATURE WATER [LTW] HEATING SYSTEM	NAVFAC	23 21 13.00 20	
15185	S	REFRIGERATION PIPING AND SPECIALTIES	NASA	23 23 16.00 40	
15186	S	CONDENSATE PUMPS	NASA	23 22 00.00 40	
15190	A	GAS PIPING SYSTEMS	USACE	33 51 01.00 10	
15191	N	FIBERGLASS REINFORCED PLASTIC (FRP) PIPING (FOR PETROLEUM)	NAVFAC	23 11 16.00 20	
15192	N	FUEL OIL PIPING	NAVFAC	23 11 13.00 20	
15193	N	GASOLINE/DIESEL DISPENSING SYSTEMS	NAVFAC	23 12 16.00 20	
15194	N	AVIATION FUEL DISTRIBUTION AND DISPENSING	NAVFAC	33 52 43.00 20	
15195	N	NATURAL GAS AND LIQUID PETROLEUM PIPING	NAVFAC	33 11 23.00 20	
15195	S	NATURAL GAS SYSTEMS	NASA	23 11 23.00 40	
15200		PIPELINES, LIQUID PROCESS PIPING	USACE	40 05 13	
15205		CLEANING PROCEDURES/PROCESS PIPING SYSTEMS (NASA UNIQUE)	NASA	22 15 09.00 40	
15211	N	LOW PRESSURE COMPRESSED AIR PIPING (NON-BREATHING AIR TYPE)	NAVFAC	43 15 00.00 20	
15211	S	LOW-PRESSURE COMPRESSED AIR SYSTEMS	NASA	22 15 00.00 40	
15212	N	HIGH AND MEDIUM PRESSURE COMPRESSED AIR PIPING	NAVFAC	22 15 26.00 20	
15212	S	HIGH-PRESSURE COMPRESSED AIR SYSTEMS	NASA	22 15 00.13 40	
15213	N	LARGE CENTRIFUGAL AIR COMPRESSORS (OVER 200 HP)	NAVFAC	22 16 19.26 20	
15214	N	LARGE NONLUBRICATED RECIPROCATING AIR COMPRESSORS (OVER 300 HP)	NAVFAC	22 15 19.13 20	
15215	N	NONLUBRICATED ROTARY SCREW AIR COMPRESSORS (100 HP AND LARGER)	NAVFAC	22 15 19.19 20	
15216	N	WELDING PRESSURE PIPING	NAVFAC	40 17 26.00 20	
15217	N	MEDICAL GAS AND VACUUM PIPING	NAVFAC	22 62 13.00 20	
15218	S	VACUUM SYSTEMS	NASA	40 18 00.00 40	
15225	S	CHEMICAL-WASTE DRAINAGE SYSTEMS	NASA	22 66 83.00 40	

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15400		PLUMBING, GENERAL PURPOSE	NAVFAC	22 00 00	
15405	A	PLUMBING, HOSPITAL	USACE	22 04 00.00 10	
15410	S	PLUMBING FIXTURES	NASA	22 41 00.00 40	
15411	N	HOSPITAL PLUMBING FIXTURES	NAVFAC	22 04 00.00 20	
15445	S	SUMP PUMPS	NASA	22 14 29.00 40	
15495		HYDRAULIC FLUID POWER SYSTEMS	USACE	41 24 26	
15500	A	DESICCANT COOLING SYSTEMS	USACE	42 31 16.00 10	
15501	N	STEAM HEATING PLANT WATERTUBE (SHOP ASSEMBLED) COAL/OIL OR COAL	NAVFAC	23 52 33.01 20	
15502	N	STEAM HEATING PLANT WATERTUBE (FIELD ERECTED) COAL/OIL OR COAL	NAVFAC	23 52 33.02 20	
15510	S	BOILERS	NASA	23 52 00.00 40	
15511	N	WATER-TUBE BOILERS, OIL/GAS OR OIL	NAVFAC	23 52 33.03 20	
15514	N	LOW PRESSURE WATER HEATING BOILERS (UNDER 800,000 BTU/HR OUTPUT)	NAVFAC	23 52 43.00 20	
15515	N	LOW PRESSURE WATER HEATING BOILERS (OVER 800,000 BTU/HR OUTPUT)	NAVFAC	23 52 46.00 20	
15516	N	STEAM BOILERS AND EQUIPMENT (500,000 - 18,000,000 BTU/HR)	NAVFAC	23 52 49.00 20	
15517	N	STEAM BOILERS AND EQUIPMENT (18,000,000 - 60,000,000 BTU/HR)	NAVFAC	23 52 53.00 20	
15532		BUILDING HEATING SYSTEMS, WARM AIR	NAVFAC	23 54 19	
15555	A	CENTRAL HIGH TEMPERATURE WATER (HTW) GENERATING PLANT AND AUXILIARIES	USACE	33 60 00.00 10	
15556	A	FORCED HOT WATER HEATING SYSTEMS USING WATER AND STEAM HEAT EXCHANGERS	USACE	23 57 10.00 10	
15559	A	CENTRAL STEAM-GENERATING SYSTEM, COAL-FIRED	USACE	23 70 01.00 10	
15561	A	CENTRAL STEAM GENERATING SYSTEM - COMBINATION GAS AND OIL FIRED	USACE	23 70 02.00 10	
15562	A	HEATING AND UTILITIES SYSTEMS, CENTRAL STEAM	USACE	23 70 03.00 10	
15565	A	HEATING SYSTEM; GAS-FIRED HEATERS	USACE	23 54 16.00 10	
15566	A	WARM AIR HEATING SYSTEMS	USACE	23 82 01.00 10	
15569	A	WATER AND STEAM HEATING; OIL, GAS OR BOTH; UP TO 20 MBTUH	USACE	23 52 00.00 10	
15601	N	CENTRAL REFRIGERATION EQUIPMENT FOR AIR CONDITIONING	NAVFAC	23 66 00.00 20	
15602	N	REFRIGERATION EQUIPMENT FOR COLD STORAGE	NAVFAC	23 69 00.00 20	
15610	S	REFRIGERATION COMPRESSORS	NASA	23 61 00.00 40	

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15620	A	LIQUID CHILLERS	USACE	42 22 00.00 10	
15625	S	CHILLED WATER AIR CONDITIONING	NASA	42 22 00.00 40	
15626	S	CENTRIFUGAL WATER CHILLERS	NASA	42 22 13.00 40	
15627	S	RECIPROCATING WATER CHILLERS	NASA	42 22 16.00 40	
15645	A	COOLING TOWER	USACE	23 65 00.00 10	
15652	A	COLD STORAGE REFRIGERATION SYSTEMS	USACE	23 63 00.00 10	
15675	S	AIR-COOLED CONDENSERS	NASA	42 23 13.00 40	
15690	A	EVAPORATIVE COOLING SYSTEMS	USACE	23 76 00.00 10	
15700	S	HEATING/ VENTILATION/ AIR CONDITIONING SYSTEMS	NASA	23 73 33.00 40	
15700	A	UNITARY HEATING AND COOLING EQUIPMENT	USACE	23 82 02.00 10	
15702	N	COMPUTER ROOM AIR CONDITIONING UNITS	NAVFAC	23 81 23.00 20	
15720	S	AIR HANDLING UNITS	NASA	23 73 00.13 40	
15720	N	AIR HANDLING UNITS	NAVFAC	23 34 16.00 20	
15721	N	EVAPORATIVE COOLING SYSTEM	NAVFAC	23 76 00.00 20	
15725	S	AIR HANDLING	NASA	23 73 00.00 40	
15730	N	UNITARY AIR CONDITIONING EQUIPMENT	NAVFAC	23 81 00.00 20	
15732	S	PACKAGED AIR-CONDITIONING UNITS	NASA	23 74 33.00 40	
15736	S	COMPUTER ROOM AIR CONDITIONING UNITS	NASA	23 81 23.00 40	
15740	S	HEAT PUMPS	NASA	23 81 43.00 40	
15741	N	WATER SOURCE HEAT PUMP SYSTEMS	NAVFAC	23 81 46.00 20	
15741		VERTICAL GROUND-COUPLED HEAT EXCHANGE SYSTEMS (VGCHES)	USACE	23 81 47	
15751	N	DESICCANT DEHUMIDIFICATION EQUIPMENT	NAVFAC	23 84 16.00 20	
15760	N	TERMINAL HEATING AND COOLING UNITS	NAVFAC	23 82 00.00 20	
15762	S	AIR COILS	NASA	23 82 16.00 40	
15764	S	FAN-COIL UNITS	NASA	23 82 19.00 40	
15766	S	UNIT HEATERS AND VENTILATORS	NASA	23 82 23.00 40	
15767	S	ELECTRIC RESISTANCE HEATING	NASA	40 41 13.13 40	
15768	S	DUCT HEATERS	NASA	23 55 13.00 40	
15768	N	ELECTRIC SPACE HEATING EQUIPMENT	NAVFAC	23 83 00.00 20	
15801	N	INDUSTRIAL VENTILATION AND EXHAUST	NAVFAC	23 35 19.00 20	
15810	N	DUCTWORK AND DUCTWORK ACCESSORIES	NAVFAC	23 30 13.00 20	
15815	S	LOW PRESSURE DUCTWORK	NASA	23 31 11.11 40	

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15818	S	MEDIUM/ HIGH PRESSURE DUCTWORK	NASA	23 31 11.12 40	
15838	S	POWER VENTILATORS	NASA	23 34 23.00 40	
15840		AIR TERMINAL UNITS - (NASA UNIQUE)	NASA	23 36 00.00 40	
15845	A	ENERGY RECOVERY SYSTEMS	USACE	23 72 00.00 10	
15846	A	HEAT RECOVERY BOILERS	USACE	42 11 23.00 10	
15848		THERMAL ENERGY STORAGE UNITS: ICE-ON-COIL	USACE	23 71 19	
15852	S	DIFFUSERS	NASA	23 37 13.00 40	
15855	S	GRAVITY VENTILATORS	NASA	23 37 23.00 40	
15860	A	CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL (CBR) AIR FILTRATION SYSTEM	USACE	23 40 00.00 10	
15861	N	MECHANICAL CYCLONE DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	23 51 43.01 20	
15862	N	ELECTROSTATIC DUST COLLECTOR OF FLUE GAS PARTICULATES	NAVFAC	23 51 43.02 20	
15863	N	FABRIC FILTER DUST COLLECTOR OF FLY ASH PARTICLES IN FLUE GAS	NAVFAC	23 51 43.03 20	
15864	N	DUST AND GAS COLLECTOR, DRY SCRUBBER AND FABRIC FILTER TYPE	NAVFAC	23 51 43.00 20	
15865	S	FILTERS	NASA	23 41 13.00 40	
15895		AIR SUPPLY, DISTRIBUTION, VENTILATION, AND EXHAUST SYSTEM	USACE	23 00 00	
15901	N	SPACE TEMPERATURE CONTROL SYSTEMS	NAVFAC	23 09 53.00 20	
15902	S	CONTROL SYSTEMS	NASA	23 09 33.00 40	
15910	N	DIRECT DIGITAL CONTROL SYSTEMS	NAVFAC	23 09 54.00 20	
15915	S	ELECTRIC CONTROL SYSTEMS	NASA	23 09 33.13 40	
15940	A	OVERHEAD VEHICLE TAILPIPE [AND WELDING FUME] EXHAUST REMOVAL SYSTEM(S)	USACE	23 35 00.00 10	
15950	S	TESTING, ADJUSTING AND BALANCING	NASA	23 05 93.00 40	
15950	N	HVAC TESTING/ADJUSTING/BALANCING	NAVFAC	23 08 00.00 20	
15951	N	TESTING INDUSTRIAL VENTILATION SYSTEMS	NAVFAC	23 08 01.00 20	
15951		DIRECT DIGITAL CONTROL FOR HVAC AND OTHER LOCAL BUILDING SYSTEMS	USACE	23 09 23	
15990	A	TESTING, ADJUSTING, AND BALANCING OF HVAC SYSTEMS	USACE	23 05 93.00 10	
15995	A	COMMISSIONING OF HVAC SYSTEMS	USACE	23 08 00.00 10	
DIVISION 16		ELECTRICAL			
16003	S	GENERAL ELECTRICAL PROVISIONS	NASA	26 00 00.00 40	

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16050	N	BASIC ELECTRICAL MATERIALS AND METHODS	NAVFAC	26 00 00.00 20	
16050	S	BASIC ELECTRICAL MATERIALS AND METHODS	NASA	26 05 00.00 40	
16065	S	SECONDARY GROUNDING	NASA	28 05 26.00 40	
16070	A	SEISMIC PROTECTION FOR ELECTRICAL EQUIPMENT	USACE	26 05 48.00 10	
16081		APPARATUS INSPECTION AND TESTING	NAVFAC	26 08 00	
16120	A	INSULATED WIRE AND CABLE	USACE	26 05 19.00 10	
16121	S	FIBER OPTIC CABLE	NASA	40 95 33.23 40	
16124	S	MEDIUM VOLTAGE CABLE	NASA	26 05 13.00 40	
16135	S	CABLE TRAYS	NASA	27 05 28.36 40	
16145		480 V PIER POWER OUTLET ASSEMBLIES	NAVFAC	26 05 33	DOCKSIDE POWER CONNECTIONS STATIONS
16145	S	STANDARD WIRING SYSTEMS	NASA	26 27 26.00 40	
16221	A	ELECTRIC MOTORS, 3-PHASE VERTICAL INDUCTION TYPE	USACE	26 29 01.00 10	
16222	A	ELECTRIC MOTORS, 3-PHASE VERTICAL SYNCHRONOUS TYPE	USACE	26 29 02.00 10	
16225	S	MOTORS	NASA	26 18 39.00 40	
16236		MOTOR-GENERATOR SETS, 400 HERTZ (HZ)	NAVFAC	26 32 26	
16237	N	SINGLE OPERATION GENERATOR SETS	NAVFAC	26 32 13.00 20	
16261		VARIABLE FREQUENCY DRIVE SYSTEMS UNDER 600 VOLTS	NAVFAC	26 29 23	
16262	N	INSTALLATION OF UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM	NAVFAC	26 32 33.00 20	
16263	A	DIESEL-GENERATOR SET STATIONARY 100-2500 KW, WITH AUXILIARIES	USACE	26 32 15.00 10	
16264	A	DIESEL-GENERATOR SET, STATIONARY 15-300 KW, STANDBY APPLICATIONS	USACE	26 32 14.00 10	
16265	A	UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM ABOVE 15 KVA CAPACITY	USACE	26 32 33.00 10	
16268		400-HERTZ (HZ) SOLID STATE FREQUENCY CONVERTER	NAVFAC	26 35 43	
16272		THREE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	26 12 19.10	
16273		SINGLE-PHASE PAD-MOUNTED TRANSFORMERS	NAVFAC	26 12 19.20	
16275	S	DISTRIBUTION TRANSFORMERS	NASA	26 12 00.00 40	
16276	S	STATION CLASS POWER TRANSFORMERS	NASA	33 73 00.00 40	
16280	N	RADIO FREQUENCY INTERFERENCE POWER LINE FILTERS	NAVFAC	26 35 46.00 20	
16285	S	MEDIUM VOLTAGE POWER FACTOR CORRECTION	NASA	26 35 33.00 40	
16286	S	OVERCURRENT PROTECTIVE DEVICES	NASA	26 05 73.00 40	

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16288	S	SURGE ARRESTORS	NASA	26 18 23.00 40	
16301	N	OVERHEAD TRANSMISSION AND DISTRIBUTION	NAVFAC	33 71 01.00 20	
16302	N	UNDERGROUND TRANSMISSION AND DISTRIBUTION	NAVFAC	33 71 02.00 20	
16305	S	OVERHEAD HIGH-VOLTAGE WIRING	NASA	33 71 39.13 40	
16311	A	MAIN ELECTRIC SUPPLY STATION AND SUBSTATION	USACE	26 11 14.00 10	
16315	S	MEDIUM VOLTAGE OVERHEAD POWER DISTRIBUTION	NASA	26 26 00.00 40	
16325	S	LOAD-BREAK SWITCHES	NASA	33 75 13.00 40	
16326	S	MEDIUM-VOLTAGE AIR-BREAK DISCONNECT SWITCHES	NASA	33 77 13.00 40	
16328	S	LOAD BREAK SF6 GAS SWITCHES	NASA	33 77 19.00 40	
16341	N	SF6 INSULATED PAD-MOUNTED SWITCHGEAR	NAVFAC	26 13 00.00 20	
16345	S	MOTOR CONTROL	NASA	26 24 19.00 40	
16360		SECONDARY UNIT SUBSTATIONS	NAVFAC	26 11 13	
16361	N	PRIMARY UNIT SUBSTATION	NAVFAC	26 11 16.00 20	
16365	S	PRIMARY UNIT SUBSTATION	NASA	26 11 13.00 40	
16366	S	SECONDARY UNIT SUBSTATION	NASA	26 11 16.00 40	
16370	A	ELECTRICAL DISTRIBUTION SYSTEM, AERIAL	USACE	33 70 01.00 10	
16375	A	ELECTRICAL DISTRIBUTION SYSTEM, UNDERGROUND	USACE	33 70 02.00 10	
16402		INTERIOR DISTRIBUTION SYSTEM	NAVFAC	26 20 00	
16403	A	MOTOR CONTROL CENTERS, SWITCHBOARDS AND PANELBOARDS	USACE	26 28 00.00 10	
16404	A	480-VOLT STATION SERVICE SWITCHGEAR AND TRANSFORMERS	USACE	26 22 00.00 10	
16407		MARINA ELECTRICAL WORK	NAVFAC	26 27 29	
16410	A	AUTOMATIC TRANSFER SWITCH AND BY-PASS/ISOLATION SWITCH	USACE	26 36 00.00 10	
16410	N	AUTOMATIC TRANSFER SWITCHES	NAVFAC	26 36 23.00 20	
16435	S	AUTOMATIC TRANSFER SWITCHES	NASA	26 28 16.00 40	SWITCHES
16442		SWITCHBOARDS AND SWITCHGEAR	NAVFAC	26 23 00	
16445	S	SWITCHGEAR ASSEMBLIES	NASA	33 75 00.00 40	
16446	S	PANELBOARDS	NASA	26 24 16.00 40	
16475	A	COORDINATED POWER SYSTEM PROTECTION	USACE	26 28 01.00 10	
16495	S	MEDIUM VOLTAGE FUSES	NASA	33 77 36.00 40	
16510		INTERIOR LIGHTING	NAVFAC	26 51 00	
16511	S	FLUORESCENT LUMINARIES	NASA	26 51 13.09 40	
16512	S	HIGH INTENSITY DISCHARGE (HID) LUMINARIES	NASA	26 54 00.00 40	

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16513	S	INCANDESCENT LUMINAIRES	NASA	26 51 13.08 40	INCANDESCENT LIGHTING
16520		EXTERIOR LIGHTING	NAVFAC	26 56 00	
16522	N	AIRFIELD LIGHTING	NAVFAC	34 43 00.00 20	
16522	S	FLOOD LIGHTING	NASA	26 56 36.00 40	
16524	S	ROADWAY LIGHTING	NASA	26 56 19.00 40	
16525	A	HELIPAD LIGHTING AND VISUAL NAVIGATION AIDS	USACE	26 54 21.00 10	
16526	A	AIRFIELD AND HELIPORT LIGHTING AND VISUAL NAVIGATION AIDS	USACE	26 56 20.00 10	
16528	A	EXTERIOR LIGHTING INCLUDING SECURITY AND CCTV APPLICATIONS	USACE	26 55 53.00 10	
16529	S	PHOTO CONTROL DEVICES	NASA	26 09 23.00 40	
16535	S	EMERGENCY LIGHTING	NASA	26 52 00.00 40	
16536	S	EXIT LIGHTING	NASA	26 53 00.00 40	
16553	N	SURGICAL LIGHTING FIXTURES	NAVFAC	26 55 80.00 20	
16710		BUILDING TELECOMMUNICATIONS CABLING SYSTEM	NAVFAC	27 10 00	
16711		TELECOMMUNICATIONS OUTSIDE PLANT (OSP)	NAVFAC	33 82 00	
16713	N	FIBER OPTIC (FO) OUTSIDE PLANT (OSP) MEDIA	NAVFAC	40 95 33.23 20	
16720	N	ADMINISTRATIVE TELEPHONE EQUIPMENT, INSIDE PLANT	NAVFAC	27 31 00.00 20	
16721		INTERCOMMUNICATION SYSTEM	USACE	33 82 01	
16722		PIER TELEPHONE DISTRIBUTION SYSTEMS	NAVFAC	33 81 27	
16725	N	NURSE CALL SYSTEM	NAVFAC	27 52 23.00 20	
16730	A	NURSE CALL TONE-VISUAL (NCTV) SYSTEM	USACE	27 52 32.00 10	
16731	A	NURSE CALL AUDIO-VISUAL (NCAV) SYSTEM	USACE	27 41 00.00 10	
16751	A	CLOSED CIRCUIT TELEVISION SYSTEMS	USACE	28 23 23.00 10	
16755	A	RADIO PAGING SYSTEM	USACE	27 51 13.00 10	
16768	A	FIBER OPTIC DATA TRANSMISSION SYSTEM	USACE	40 95 33.00 10	
16770		RADIO AND PUBLIC ADDRESS SYSTEMS	USACE	27 51 16	
16783	N	COMMUNITY ANTENNA TELEVISION (CATV) SYSTEMS	NAVFAC	27 54 00.00 20	
16785	A	TELEVISION SIGNAL RECEPTION SYSTEM	USACE	27 41 16.00 10	
16790	A	STAND-ALONE ONE-WAY RADIO CONTROL SYSTEM	USACE	27 33 30.00 10	
16792	A	WIRE LINE DATA TRANSMISSION SYSTEM	USACE	27 15 19.00 10	
16794	A	COAXIAL CABLE DATA TRANSMISSION SYSTEM	USACE	33 82 33.00 10	
16797	A	ONE-WAY FM RADIO CONTROL / UTILITY MONITORING & CONTROL SYSTEM (UMCS)	USACE	27 33 31.00 10	

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16798	A	TWO-WAY RADIO DATA ETHERNET TRANSMISSION SYSTEM	USACE	27 05 13.00 10	
16815	A	CABLE TELEVISION PREMISES DISTRIBUTION SYSTEM	USACE	27 05 14.00 10	
16822	N	INTERCOMMUNICATION SYSTEM	NAVFAC	27 21 00.00 20	
16905		ELECTRICAL EQUIPMENT FOR GATE HOIST	USACE	35 20 20	