

# MASTERSPEC®

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MECHANICAL/ELECTRICAL LIBRARY  
Full Length Supplemental

MasterFormat 2004 Version

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### DIVISION 09 - FINISHES

R	11/03 099633	HIGH-TEMPERATURE-RESISTANT COATINGS	Coatings for use on steel substrates subject to high temperatures.
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### DIVISION 21 - FIRE SUPPRESSION

	9/02 211339	FOAM-WATER SYSTEMS	Fixed, low-expansion, AFFF systems for flammable-liquid fires.
R	9/02 212200	CLEAN-AGENT FIRE EXTINGUISHING SYSTEMS	Substitute for Halon 1301 systems.

### DIVISION 22 - PLUMBING

	9/01 221123.13	DOMESTIC-WATER PACKAGED BOOSTER PUMPS	Water-pressure boosters.
	6/04 221216	FACILITY ELEVATED, POTABLE- WATER STORAGE TANKS	Above-ground water storage.
	6/04 221219	FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANKS	Surface-mounted water storage.
	12/01 221323	SANITARY WASTE INTERCEPTORS	Grease, oil, and sediment interceptors for sewerage systems outside the building.
	3/04 221343	FACILITY PACKAGED SEWAGE PUMPING STATIONS	Pump, compressor, tank, and controls.
	12/02 221353	FACILITY SEPTIC TANKS	Tank, distribution box, and drainage pipe.
	12/02 223500	DOMESTIC WATER HEAT EXCHANGERS	Steam and hot-water heat exchangers; instantaneous and storage types.
R	12/03 224600	SECURITY PLUMBING FIXTURES	Detention facility plumbing fixtures.
	12/04 226113	COMPRESSED-AIR PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	Piping for nonmedical laboratory air, medical air, dental air, instrument air, and medical laboratory air.
	3/05 226119	COMPRESSED-AIR EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES	Compressors, filters, and dryers.
R	12/04 226213	VACUUM PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	Piping for laboratory vacuum, medical surgical vacuum, waste anesthetic gas, dental vacuum, oral evacuation, and healthcare laboratory vacuum.
	3/05 226219	VACUUM EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES	Vacuum pumps and oral evacuation equipment.
	12/04 226313	GAS PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	Piping for CO <sub>2</sub> , helium, NO <sub>2</sub> , and O <sub>2</sub> .
R	6/05 226600	CHEMICAL-WASTE SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES	Single- and double-wall piping and specialties, neutralization tanks, and leak detection.
R	3/02 226700	PROCESSED WATER SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES	Pipe, fittings, and specialties for deionized, distilled, and reverse osmosis water.

### DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

	9/01 230130.51	HVAC AIR DUCT CLEANING	Cleaning ducts, plenums, and air outlets and inlets.
	6/04 235316	DEAERATORS	Spray, packed column, and package tray.
U	6/06 237200	AIR-TO-AIR ENERGY RECOVERY EQUIPMENT	Heat exchangers and packaged units.
R	12/03 238413	HUMIDIFIERS	Steam and evaporative types.
R	12/00 238416	DEHUMIDIFIERS	Heat wheels, heat pipes, and dessicant-type dehumidification equipment.

### DIVISION 26 - ELECTRICAL

	6/03 260513	MEDIUM-VOLTAGE CABLES	Cable, splices, and terminations.
	12/04 260539	UNDERFLOOR RACEWAYS FOR ELECTRICAL SYSTEMS	Ducts, boxes, fittings, and accessories.
	12/03 260543	UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS	Manholes, handholes, and underground ducts.
	6/04 260573	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY	Fault-current and protective device coordination studies.
	12/04 260933	CENTRAL DIMMING CONTROLS	Control network and stations, dimmer cabinets, and dimmers.
	12/04 260936	MODULAR DIMMING CONTROLS	Manual modular and integrated, multipreset modular dimming controls.
R	9/03 260943	NETWORK LIGHTING CONTROLS	Wired, programmable and manual lighting controls.
	6/03 261116	SECONDARY UNIT SUBSTATIONS	Indoor and outdoor units; with liquid-filled or dry-type transformers.

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6/03	261200	MEDIUM-VOLTAGE TRANSFORMERS	Transformers (2.4 to 35 kV).
12/02	261300	MEDIUM-VOLTAGE SWITCHGEAR	Metal-enclosed interrupter and metal-clad CB type switchgear (up to 34 kV class).
12/02	262100	LOW-VOLTAGE OVERHEAD ELECTRICAL POWER SYSTEMS	Medium and secondary voltage (up to 35 kV).
3/03	262300	LOW-VOLTAGE SWITCHGEAR	Metal-enclosed, circuit-breaker type; 1000V and less.
3/03	262313	PARALLELING LOW-VOLTAGE SWITCHGEAR	Low-voltage type, 1000V and less; medium-voltage type, 5 to 15 kV; for multiple generator operation.
9/04	262600	POWER DISTRIBUTION UNITS	Voltage regulators, static electronic voltage regulators, and power distribution units.
6/04	263323	CENTRAL BATTERY EQUIPMENT	AC & DC output types.
9/02	263533	POWER FACTOR CORRECTION EQUIPMENT	Capacitors for 600 V and less.
12/02	264200	CATHODIC PROTECTION	Passive corrosion protection for steel and iron pipes and tanks.
3/06	265561	THEATRICAL LIGHTING	Dimmer racks; control console and devices; distribution components; lighting fixtures.
6/03	265668	EXTERIOR ATHLETIC LIGHTING	Outdoor lighting for sports fields.
<b>DIVISION 27 - COMMUNICATIONS</b>			
6/02	275223	NURSE CALL/CODE BLUE SYSTEMS	Basic visual and audiovisual patient-nurse communication equipment.
<b>DIVISION 28 - ELECTRONIC SAFETY AND SECURITY</b>			
9/02	281300	ACCESS CONTROL	Computer controlled, with interface to other facility management systems.
3/03	281600	INTRUSION DETECTION	Detection devices, controls, and alarms.
3/03	281643	PERIMETER SECURITY SYSTEMS	Detection devices, controls, and alarms on the site perimeter.
3/02	282300	VIDEO SURVEILLANCE	Cameras, monitors, and control equipment.
9/04	284619	PLC ELECTRONIC DETENTION MONITORING AND CONTROL SYSTEMS	Monitoring and control of doors, gates, and related items for detention facilities.
<b>DIVISION 33 - UTILITIES</b>			
3/04	332100	WATER SUPPLY WELLS	Drilled and driven wells and well pumps.
3/02	336113	UNDERGROUND HYDRONIC ENERGY DISTRIBUTION	Underground piping outside the building.
3/02	336313	UNDERGROUND STEAM AND CONDENSATE DISTRIBUTION PIPING	Underground piping outside the building.

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