

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL/ELECTRICAL LIBRARY
Full Length Supplemental

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

DIVISION 08 - OPENINGS

02/10 083113.53 SECURITY ACCESS DOORS AND FRAMES Wall and ceiling units.

DIVISION 09 - FINISHES

02/10 099633 HIGH-TEMPERATURE-RESISTANT COATINGS High-temperature-resistant coatings for use on exterior and interior substrates.

DIVISION 21 - FIRE SUPPRESSION

03/10 211339 FOAM-WATER SYSTEMS Fixed, low-expansion, AFFF systems for flammable-liquid fires.

03/10 212113.13 HIGH-PRESSURE CARBON-DIOXIDE FIRE-EXTINGUISHING SYSTEMS Piping, fittings, and specialties for systems that deliver carbon dioxide for fire extinguishing and suppression.

03/10 212113.16 LOW-PRESSURE CARBON-DIOXIDE FIRE-EXTINGUISHING SYSTEMS Piping, fittings, and specialties for systems that deliver carbon dioxide for fire extinguishing and suppression.

03/10 212200 CLEAN-AGENT FIRE-EXTINGUISHING SYSTEMS Piping, containers, detection and alarms, and controls for clean-agent systems.

DIVISION 22 - PLUMBING

03/10 221123.13 DOMESTIC-WATER PACKAGED BOOSTER PUMPS Water-pressure boosters, simplex and multi-plex; constant- and variable speed pumps.

03/10 221216 FACILITY ELEVATED, POTABLE-WATER STORAGE TANKS Above-ground water storage.

03/10 221219 FACILITY GROUND-MOUNTED, POTABLE-WATER STORAGE TANKS Surface-mounted water storage.

03/10 221323 SANITARY WASTE INTERCEPTORS Grease, oil, and sand interceptors for sewerage systems outside the building.

03/10 221343 FACILITY PACKAGED SEWAGE PUMPING STATIONS Pump, compressor, tank, and controls.

03/10 221353 FACILITY SEPTIC TANKS Tank, distribution box, and drainage pipe.

03/10 223500 DOMESTIC-WATER HEAT EXCHANGERS Steam and hot-water heat exchangers; instantaneous and storage types.

03/10 224600 SECURITY PLUMBING FIXTURES Detention facility plumbing fixtures.

03/10 226113 COMPRESSED-AIR PIPING FOR LABORATORY AND HEALTHCARE FACILITIES Piping for nonmedical laboratory air, medical air, dental air, instrument air, and medical laboratory air.

03/10 226119 COMPRESSED-AIR EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES Compressors, filters, and dryers.

03/10 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.

03/10 226219 VACUUM EQUIPMENT FOR LABORATORY AND HEALTHCARE FACILITIES Vacuum pumps and oral evacuation equipment.

03/10 226313 GAS PIPING FOR LABORATORY AND HEALTHCARE FACILITIES Piping for CO₂, helium, NO₂, and O₂.

03/10 226400 MEDICAL GAS ALARMS Alarms for medical gas systems.

03/10 226600 CHEMICAL-WASTE SYSTEMS FOR LABORATORY AND HEALTHCARE FACILITIES Single- and double-wall piping and specialties, neutralization tanks, and leak detection.

03/10 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

03/10 230130.51 HVAC AIR DUCT CLEANING Cleaning HVAC air-distribution equipment, ducts, plenums, air outlets and inlets, and duct accessories.

03/10 232113.13 UNDERGROUND HYDRONIC PIPING Underground piping outside the building.

03/10 234133 HIGH-EFFICIENCY PARTICULATE FILTRATION High-efficiency particulate air filters, ultralow-penetration air (ULPA) filters, filter frames, and filter gages.

03/10 235316 DEAERATORS Spray, packed column, and package tray.

N 03/10 235613.13 HEATING, FLAT-PLATE, SOLAR COLLECTORS Liquid-type, medium-temperature, glazed solar panels.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL/ELECTRICAL LIBRARY
Full Length Supplemental

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

03/10	237200	AIR-TO-AIR ENERGY RECOVERY EQUIPMENT	Heat wheels, heat pipes, fixed-plate heat exchangers, and packaged units.
03/10	238413	HUMIDIFIERS	Steam and evaporative types.
03/10	238416	MECHANICAL DEHUMIDIFICATION UNITS	Refrigerant-type mechanical dehumidification equipment.

DIVISION 26 - ELECTRICAL

03/10	260513	MEDIUM-VOLTAGE CABLES	Cable, splices, and terminations.
03/10	260539	UNDERFLOOR RACEWAYS FOR ELECTRICAL SYSTEMS	Ducts, boxes, fittings, and accessories.
03/10	260543	UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS	Manholes, handholes, and underground ducts.
03/10	260573	OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY	Fault-current and protective device coordination studies.
03/10	260933	CENTRAL DIMMING CONTROLS	Control network and stations, dimmer cabinets, and dimmers.
03/10	260936.19	STANDALONE MULTIPRESET MODULAR DIMMING CONTROLS	Wall-box multiscene and multipreset modular dimming controls.
03/10	260943	NETWORK LIGHTING CONTROLS	Wired, programmable and manual lighting controls.
03/10	261116	SECONDARY UNIT SUBSTATIONS	Indoor and outdoor units; with liquid-filled or dry-type transformers.
03/10	261200	MEDIUM-VOLTAGE TRANSFORMERS	Transformers (2.4 to 35 kV).
03/10	261300	MEDIUM-VOLTAGE SWITCHGEAR	Metal-enclosed interrupter and metal-clad CB type switchgear (up to 34 kV class).
03/10	262300	LOW-VOLTAGE SWITCHGEAR	Metal-enclosed, circuit-breaker type; 1000V and less.
03/10	262313	PARALLELING LOW-VOLTAGE SWITCHGEAR	Low-voltage type, 1000V and less; medium-voltage type, 5 to 15 kV; for multiple generator operation.
03/10	262600	POWER DISTRIBUTION UNITS	Voltage regulators, static electronic voltage regulators, and power distribution units.
03/10	263323	CENTRAL BATTERY EQUIPMENT	AC & DC output types.
03/10	263533	POWER FACTOR CORRECTION EQUIPMENT	Capacitors and automatic power-factor correction units for 600 V and less.
03/10	264200	CATHODIC PROTECTION	Passive corrosion protection for steel and iron pipes and tanks.
03/10	265561	THEATRICAL LIGHTING	Dimmer racks; control console and devices; distribution components; lighting fixtures.
03/10	265668	EXTERIOR ATHLETIC LIGHTING	Outdoor lighting for sports fields.

DIVISION 27 - COMMUNICATIONS

03/10	275223	NURSE CALL/CODE BLUE SYSTEMS	Visual/tone; and microprocessor-based, addressable, audiovisual/voice system.
-------	--------	------------------------------	---

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

03/10	281300	ACCESS CONTROL	Computer controlled, with interface to other facility management systems.
03/10	281600	INTRUSION DETECTION	Detection devices, controls, and alarms.
03/10	281643	PERIMETER SECURITY SYSTEMS	Detection devices, controls, and alarms on the site perimeter.
03/10	282300	VIDEO SURVEILLANCE	Cameras, data transmission wiring, monitors, and control equipment.
03/10	284619	PLC ELECTRONIC DETENTION MONITORING AND CONTROL SYSTEMS	Monitoring and control of doors, gates, and related items for detention facilities.

DIVISION 33 - UTILITIES

03/10	332100	WATER SUPPLY WELLS	Drilled and driven wells and well pumps.
03/10	336313	UNDERGROUND STEAM AND CONDENSATE DISTRIBUTION PIPING	Underground piping serving one or more buildings.

N = NEW U = UPDATE R = REVISION

MASTERSPEC[®]

TABLE OF CONTENTS

MECHANICAL/ELECTRICAL LIBRARY
Full Length Supplemental

MasterFormat 2004 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

03/10	337149.13	OVERHEAD MEDIUM-VOLTAGE WIRING	Medium and secondary voltage (up to 35 kV).
03/10	337753	MEDIUM-VOLTAGE UTILITY RECLOSERS	Overhead, automatic circuit reclosers.

N = NEW U = UPDATE R = REVISION