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SECTION 08 33 26 – OVERHEAD COILING GRILLES

 GENERAL

 ADMINISTRATIVE REQUIREMENTS

 Pre-Installation Conference:

 Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder] installer, and related trades.

 Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

 SUBMITTALS

 Action Submittals:

 Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

 Product Data: Manufacturer’s descriptive data and product attributes.

 Samples: [Selection samples.] [Verification samples.]

 Closeout Submittals:

 Operation and Maintenance Data.

 QUALITY ASSURANCE

 Installer Qualifications: Minimum [2] [\_\_] years’ experience in work of this Section.

 SYSTEM DESCRIPTION

 Operation: [Manual, push up.] [Crank.] [Chain hoist.] [Electric.]

 WARRANTY

 Manufacturer’s 2-year warranty against defects in materials and workmanship.

 Manufacturer’s 40-year warranty for coating film integrity and 30 year warranty against chalking and fading of coating.

 PRODUCTS

 MANUFACTURERS

 Contract Documents are based on Series 800 by ASTA America, [www.astaamerica.com](http://www.astaamerica.com/).

 Substitutions: [Refer to Division 01.] [Not permitted.]

 MATERIALS

 Galvanized Steel: ASTM A653/A653M, Structural Quality.

 COMPONENTS

 Grille:

 Type: [Solid aluminum.] [Perforated aluminum.] [Straight grille pattern.] [Brick pattern.] [Polycarbonate panels.]

 Construction:

* + - * 1. 5/16 inch diameter aluminum rods spaced 1-3/4 inches on center vertically.
				2. 1/8 inch x 5/8 inch x 4-1/4 inch aluminum horizontal links spaced 9 inches on center, covered by ½ inch aluminum spacer tubes on every other rod.
				3. End links: Aluminum.

 Bottom bar: Tubular aluminum.

 Locking: [Slide bolts, with padlock provisions.] [Keyed cylinder locks. Key locks [alike.] [differently.] [as directed by Owner.] Furnish [2] [\_\_] keys per lock.] [Chain lock.]

 Hood: 24 gage aluminum, with closed ends.

 Guides: Aluminum.

 Barrel Assembly:

 Barrel: Steel pipe, size and wall thickness to limit deflection to 0.03 inch per foot of width,

 Springs: Oil tempered, helical torsion springs, 20,000 cycle life, mounted on steel inner shaft

 End bearings: Self-lubricating ball bearings.

 Support Brackets: Steel.

 Operator: [Manaras Model OGH-6112.] [LiftMaster Model MH.] [LiftMaster Model H.] [LiftMaster Model GH.]

 FINISHES

 Aluminum: [Clear anodized.] [Black anodized.] [Dark bronze anodized.] [Light bronze anodized.] [Champagne anodized.]

 EXECUTION

 INSTALLATION

 Install in accordance with manufacturer’s instructions and approved Shop Drawings.

END OF SECTION