

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 35 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, G90 coating class.

 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