

WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS
DIVISION 08 – OPENINGS

SECTION 081113 – HOLLOW METAL DOORS AND FRAMES

PART 1: GENERAL

1.1 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of the assemblies of doors, sidelights, bulkheads, sills, etc., including, but not limited to, glass doors for exterior or interior applications.
- B. Project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications.

1.2 Reference Standards

- A. Steel Door Institute

1.3 Quality Control

- A. Knock down frames are not acceptable - use pre-welded hollow metal frames. All frames shall have a minimum of 3 jam band and floor anchor per jamb.
- B. Glass lite shall be in metal frames, unless required by code for fire rating, frames are not to be grouted.
- C. Metal doors and door frames which are at an exterior condition shall be heavy duty SDI grade 3, galvanized and painted.
- D. All fire rated doors and frames shall have a label mechanically attach indicating the class and rating.
- E. Equipment rooms:
 - 1. Doors shall open either to the outside or to the corridor. They shall not open to a classroom, office, lab or other occupied areas.
 - 2. Access doors will be a minimum of 48” wide by 72” tall and shall not open into the equipment room.

PART 2: PRODUCTS

2.1 General

- A. Minimum gauge shall be 16 for interior frames and 14 for exterior frames.
- B. Minimum door face sheet shall be 18 gauge for interior door and 16 for exterior doors.

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- C. Close top and bottom of doors, do not leave an open channel.
- D. Consultants shall coordinate security system and hardware requirements with this section to provide necessary cut outs and reinforcing as part of the construction contract.

PART 3: EXECUTION –NOT USED

END OF SECTION 081113