



STAIRWAY - IBC, FIXED INDUSTRIAL WORKSHEET

Date: _____ Name: _____

Dealer: _____

Project Location (ZIP Code): _____ Phone: _____

E-mail: _____



Code Applied: IBC 2009

Condition(s):

- For use in industrial factories (F), manufacturing facilities including those classified as with high hazard (H), correctional centers (I-3), and storage spaces not classified as hazardous occupancy (S). *IBC 2009, Chapter 3*
- Standard tread risers are closed and (36 in) wide. This tread width is restricted to an occupant load less than 50. If the occupant load is greater tread widths are available with the minimum of (44 in) upon request. Tread width dependent on occupant load. *IBC 2009, Section 1009.1*
- Minimum Clearance from Stair Tread: (80 inch) *IBC 2009, Section 1009.2*
- Angle of inclination is restricted to the range of (20°) to (32°) from horizontal. *IBC 2009, Section 1009.4.2*
- Single change in elevation is restricted to (12 ft) without intermediate landing. *IBC 2009, Section 1009.7*
- Two or more stair systems may be required depending on facility type, occupancy, and distance of common path of egress travel (distance between exit points). Engineering review recommended. *IBC 2009, Section 505.3, 1014.3, 1015.1*

Example: Facility: (S) - Mezzanine, Occupancy Load: (29) or fewer
 Resulting allowable maximum common egress travel distance: (100 ft)
 Maximum common egress travel is to include the distance traveled on the stairway in plane.

- Minimum Load Capacity: (300 lb) – *IBC 2009, Section 1607*

Requested Specifications:

Tread Width (36 inch minimum): _____ Angle of Inclination (20° to 32°): _____

Overall Width (41 inch minimum): _____ Overall Length (Horizontal): _____

Required: Change in Elevation: _____ (“Top of Deck” 12 feet maximum)

Standard Features:

Stringer/Handrail:

Type: Structural Steel
 Finish: Prep - SSPC-SP6
 Process: Powder-coat
 Color: Safety Yellow

Tread:

Type: Diamond Plate, Width: (36 inches)
 Finish: Prep - SSPC-SP6
 Process: Powder-coat
 Color: Black

OSHA Link: http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9716