

JIS

JAPANESE INDUSTRIAL STANDARD

Steel Deck Ladders

JIS F 2603 —1970

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F 2603-1970

Japanese Text

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Investigated by: Japanese Industrial Standards Committee
Technical Committee on Ships' Ladder
(Chairman: NISHIYAMA Yasutake)
Divisional Council on Ship Building
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Steel Deck Ladders

F 2603-1970

1. Scope

This standard provides for steel deck ladders used mainly on exposed parts of ships.

2. Classification

The steel deck ladders shall be classified as given in Table 1 according to the structure and shape of side plates.

Table 1

Type	Nominal size	mm
A	500, 600, 650, 700	
B		
C		
D		
E		

3. Construction, Shape and Dimensions

The construction, shape and dimensions shall be as shown in Figs. 1 to 5 other than the following requirements:

- (1) The inclination of the ladder shall, as a rule, be 55 degrees to the horizontal.
- (2) The interval (h) of treads shall be 220 to 250 mm in accordance with the 'tween deck height.
- (3) For treads, drain holes shall be cut suitably.
- (4) The size of handrail shall conform to nominal diameter of 25 A or 32 A in JIS G 3524, and the height (h₁) shall, as a rule, be 400 mm.
- (5) The shape of upper end of handrail shall be determined suitably according to the fitting place.
- (6) The handrail ends shall be directly welded to side plates or the like, but they may be fitted as shown in Reference Figure 2 or 3 if necessary.

Applicable Standards:

JIS B 1180-Hexagon Head Bolts

JIS B 1181-Hexagon Nuts

JIS G 3452-Carbon Steel Pipes for

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- (7) The intermediate handrail stanchion may be omitted according to the place fitted.
- (8) A back plating may be fitted to the ladder if necessary.
- (9) The hexagon head bolt shall conform to JIS B 1180.
- (10) The hexagon nut shall conform to JIS B 1181.

4. Material

The materials shall be as given in Table 2.

Table 2

No.	Parts	Material
1	Side plate	Steel plate or section
2	Side plate piece	Steel plate
3	Tread	Floor steel plate or checkered steel plate
4	Handrail	JIS G 3452
5	Handrail end piece	Steel plate or section
6	Hexagon head bolt	Steel bar
7	Hexagon nut	Steel bar

Remark: The handrail be galvanized.

5. Designation

The deck steel ladders shall be designated by title, type and nominal size. JIS number may be used in place of the title.

Example: Steel Deck Ladder Type A 500, or JIS F 2603 A 500.