

JIS

JAPANESE INDUSTRIAL STANDARD

Manhole Covers for Sewerage

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1. Scope

This Japanese Industrial Standard specifies the manhole cover for sewerage (including the frame), hereinafter referred to as the "cover".

Remark: The units and numerical values given in { } in this Standard are the International System of Units (SI) and are appended for informative reference.

2. Classification

Table 1 shows the types of the covers.

Table 1. Classification

Type	Symbol	Place to be used
Gray cast iron cover	FC-C	Road in general
Spheroidal graphite cast iron cover	FCD-C	
Reinforced concrete cover	RC-C	Sidewalk or driveway with light traffic

3. Quality

3.1 Appearance The cover shall be free from detrimental flaws, and shall have excellent appearance.

3.2 Loading Strength

- (1) When the static load test specified in 8. is carried out, the gray cast iron cover and the spheroidal graphite cast iron cover shall endure the testing load shown in Table 2, and be free from residual deflection after removal of load.
- (2) When the static load test specified in 8. is carried out, the reinforced concrete cover shall endure the testing load shown in Table 2, and be free from abnormalities.

Applicable Standards: See page 5.