

JIS

JAPANESE INDUSTRIAL STANDARD

Concrete Curb-Gutters and Reinforced Concrete Curb-Gutters

Ⓔ **JIS A 5306**—1988

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by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.



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1. Scope

This Japanese Industrial Standard specifies the concrete curb-gutters and reinforced concrete curb-gutters, hereinafter, to be generically called, referred to as the "curb-gutters", to be used for the gutter for road drainage.

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

2. Classification

The curb-gutters shall be divided into the concrete curb-gutters and the reinforced concrete curb-gutters as shown in Table 1.

Table 1. Class and Load for Bending Strength

Class	Designation	Reinforcement	Load for bending strength kgf{kN}	Span L mm
Concrete curb-gutters	C 250 A	Without	3 300 {32.36}	250
	C 250 B		2 600 {25.50}	350
Reinforced concrete curb-gutters	RC 250 A	With	1 900 {18.63}	250
	RC 250 B		1 700 {16.67}	350
	RC 300		1 600 {15.69}	400
	RC 350		1 500 {14.71}	450

3. Quality

3.1 Appearance The curb-gutters shall be free from flaws, fissures, chips, warps or the like injurious to practical use.

3.2 Bending Strength The curb-gutters shall have a bending strength to withstand the bending strength shown in Table 1 when subjected to the bending test specified in 7. The bending strength means the maximum load indicated by the testing machine during the test for the concrete curb-gutters, that is, load indicated by the testing machine when a craze is first generated for the reinforced concrete curb-gutters.

Applicable Standards: See page 7.