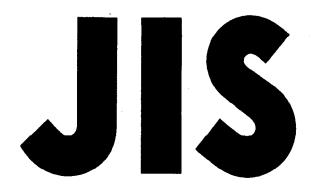
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JAPANESE INDUSTRIAL STANDARD

Corrosion Inhibitor for Reinforcing Steel in Concrete

JIS A 6205-1987

Translated and Published

by

Japanese Standards Association

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

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JAPANESE INDUSTRIAL STANDARD

JIS

Corrosion Inhibitor for Reinforcing Steel in Concrete

A 6205-1987

1. Scope

This Japanese Industrial Standard specifies the corrosion inhibitor for reinforcing steel in concrete, hereinafter referred to as the "corrosion inhibitor", used for admixture in general concrete(1).

Note (1) The general concrete does not include the concrete for which autoclave-curing is carried out.

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. Definitions

The corrosion inhibitor means the admixture used for preventing the corrosion of reinforcing steel in concrete caused by the chloride contained in the material used.

3. Quality

3.1 Performance The corrosion inhibitor shall be tested in accordance with 5. and conform to the requirements specified in Table 1.

Table 1. Performance of Corrosion Inhibitor

Test item	Specification			Test method
Salt water immersion test for reinforcing steel	Corrosion shall not be observed			According to 5.1.
Accelerated corrosion test for reinforcing steel in concrete	Corrosion prevention rate shall be not less than 95 %			According to 5.2.
Test for setting time and compressive strength of concrete	Difference of setting time	Start	± 60 min or under	According to 5.3.
		End		
	Compressive strength ratio	7 days in age	0.90 or over	
		28 days in age		

Applicable Standards: See page 14.