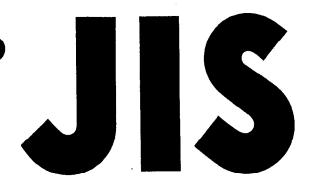
UDC 69.022.12:666.982.2:691.328:69.057



JAPANESE INDUSTRIAL STANDARD

Precast Reinforced Components for Concrete Fences

(J) JIS. A 5409-1982

Translated and Published

by

Japanese Standards Association

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JAPANESE INDUSTRIAL STANDARD

JIS

Precast Reinforced Components for Concrete Fences A 5409-1982

1. Scope

This Japanese Industrial Standard specifies the precast reinforced components for concrete fences, hereinafter referred to as concrete fences.

Remark:

The units and numerical values given in { } in this standard are in accordance with the International System of Units (SI), and are appended for reference.

2. Materials and Manufacture

- 2.1 The cement shall be the high-early strength portland cement or ordinary portland cement specified in JIS R 5210.
- 2.2 The aggregate shall be clean, firm and duarable, and be free from a harmful amount of dust, mud, salts, etc.. Further, the aggregate shall be mixed appropriately with fine and coarse grains and the maximum size shall be 20 mm and less than 1/3 of the minimum thickness of product, and be free from flat or slender grains.
- 2.3 The reinforcement shall be of steel bars or ordinary steel wires specified in JIS G 3112, JIS G 3117 or JIS G 3532.

The arrangement of reinforcement shall be carried out by binding with the annealed steel wires specified in JIS G 3532 or by the electric resistance spot welding.

- 2.4 The proportion of concrete to be used for the manufacture of concrete fence shall be determined so that the manufactured concrete fence with the quality shown in Table 1 can be obtained and the quantity of cement to be used shall be not less than 370 kg/m³. The surface active agent and other suitable admixture may be used so far as it doesn't deteriorate the quality of manufactured concrete fence.
- 2.5 A mixer shall be used for mixing of raw materials and a powered vilbrator shall be used for forming of concrete.

Applicable Standards:

JIS G 3112-Steel Bars for Concrete Reinforcement

JIS G 3117-Rerolled Steel Bars for Concrete Reinforcement

JIS G 3532-Low Carbon Steel Wires

JIS R 5210-Portland Cement

JIS Z 9001-General Rules for Sampling Inspection Procedures

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