

JIS

JAPANESE INDUSTRIAL STANDARD

Standard practice for execution of spun concrete piles

JIS A 7201—1993

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Standard practice for execution
of spun concrete piles

A 7201-1993

1. Scope This Japanese Industrial Standard specifies the standard practice for execution of spun concrete piles (hereafter referred to as "piles").

Remarks 1. The piles stated in this Standard are as specified in JIS A 5310 and JIS A 5337, or those which are equal to or superior to them in quality.

2. The standards cited in this Standard are as follows:

JIS A 5310 Reinforced spun concrete piles

JIS A 5337 Pretensioned spun high strength concrete piles

JIS Z 3211 Covered electrodes for mild steel

JIS Z 3313 Arc welding flux cored wires for mild steel and high strength steel

JIS Z 3801 Standard qualification procedure for welding technique

JIS Z 3841 Standard qualification procedure for semi-automatic arc welding technique

3. The units given in { } in this Standard are in accordance with the International System of Units (SI) and are appended for informative reference.

The conventional units and the values based on them in this Standard will be converted to the units and values in accordance with SI on April 1, 1995.

2. Handling of piles

2.1 Handling work In handling work, whether in loading or in unloading, the piles shall always be supported on two points and handled with caution so as not to bring about the harmful flaw and crack.

2.2 Transportation For transportation, the piles shall be placed on rigid sleepers at appropriate positions to prevent the piles from being damaged, shall be adequately bound with ropes to prevent the piles from falling down, and shall be wedged in order to prevent the piles from slipping away. Where the piles are to be stacked into two or more layers, the sleepers of each layer shall be arranged the same vertical plane.

2.3 Delivery to site and temporary storage The delivery to site and temporary storage shall be carried out as follows:

(1) In the delivery to construction site, the piles shall be unloaded on the place near the pile driving tower where the piles are unlikely to interfere with the work.