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STANDARD

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JIS S 3200-1 : 1997

**Equipment for water supply service
— Test methods of hydrostatic
pressure**

ICS 91.140.60

Descriptors : waterworks, fluid equipment, fluid equipment components, pressure testing

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberation at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

This Standard specifies the testing methods of hydrostatic pressure of equipment for water supply service and the Japanese Industrial Standards in connection with this Standard are given below a).

Other standards given below b), specifying the testing methods relating to the structure and material of water supply systems based on the Water Works Law, have also been established on the same date as this Standard.

Furthermore, this Standard includes Annexes given below c).

a) The Japanese Industrial Standards in connection with this Standard

- 1) JIS A 4413 *Piping units for dwellings*
- 2) JIS B 2061 *Faucets, ball taps and flush valves*
- 3) JIS B 2301 *Screwed type malleable cast iron pipe fittings*
- 4) JIS B 2302 *Screwed type steel pipe fittings*
- 5) JIS B 2354 *Crosslinked polyethylene (XPE) pipe clamp type fittings*
- 6) JIS B 8410 *Pressure reducing valves for water works*
- 7) JIS B 8414 *Relief valves for hot water appliances*
- 8) JIS C 9219 *Electric storage tank water heaters*
- 9) JIS C 9618 *Drinking-water coolers*
- 10) JIS G 3447 *Stainless steel sanitary pipes*
- 11) JIS G 3448 *Light gauge stainless steel tubes for ordinary piping*
- 12) JIS G 3452 *Carbon steel pipes for ordinary piping*
- 13) JIS G 3459 *Stainless steel pipes*
- 14) JIS H 3300 *Copper and copper alloy seamless pipes and tubes*
- 15) JIS H 3401 *Pipe fittings of copper and copper alloys*
- 16) JIS H 4312 *Polyethylene lining lead pipes for water supply*
- 17) JIS K 6353 *Rubber goods for water works*
- 18) JIS K 6742 *Unplasticized polyvinyl chloride pipes for water works*
- 19) JIS K 6743 *Unplasticized polyvinyl chloride pipe fittings for water works*
- 20) JIS K 6762 *Double wall polyethylene pipes for water supply*
- 21) JIS K 6769 *Crosslinked polyethylene (XPE) pipes*
- 22) JIS K 6770 *Crosslinked polyethylene (XPE) pipe fittings*
- 23) JIS K 6776 *Chlorinated polyvinyl chloride (CPVC) pipes for hot and cold water supply*
- 24) JIS K 6777 *Chlorinated polyvinyl chloride (CPVC) pipe fittings for hot and cold water supply*



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- 25) JIS K 6778 *Polybutene (PB) pipes*
- 26) JIS K 6779 *Polybutene (PB) pipe fittings*
- 27) JIS S 2109 *Gas burning water heaters for domestic use*
- 28) JIS S 2116 *Water heaters containing water under atmospheric pressure*
- 29) JIS S 3021 *Oil burning water boilers*
- 30) JIS S 3024 *Oil burning water heaters for domestic use*
- 31) JIS S 3027 *Oil burning bath boilers with water heaters for domestic use*
- b) The standards other than this Standard for the testing methods relating to the Water Works Law
 - 1) JIS S 3200-2 *Equipment for water supply service — Test method of low temperature resistant*
 - 2) JIS S 3200-3 *Equipment for water supply service — Test method of water hammer*
 - 3) JIS S 3200-4 *Equipment for water supply service — Test method of prevention from back current*
 - 4) JIS S 3200-5 *Equipment for water supply service — Test methods of destruction by vacuum pressure*
 - 5) JIS S 3200-6 *Equipment for water supply service — Test methods of durability*
 - 6) JIS S 3200-7 *Equipment for water supply service — Test methods of effect to water quality*
- c) Annexes to this Standard
 - 1) Annex 1 (normative) *Simplified hydrostatic pressure testing for metal pipes and fittings*
 - 2) Annex 2 (normative) *Pneumatic pressure testing for metal pipes, fittings and valves*
 - 3) Annex 3 (normative) *Differential pneumatic pressure testing for metal pipes, fittings and valves*
 - 4) Annex 4 (normative) *Non-destructive testing for metal pipes*