

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Aluminium and Aluminium Alloy  
Welded Pipes and Tubes**

**JIS H 4090**—1990

JIS H 4090 : 1990 has been revised under date of March 25, 2006.  
The revised items are included in Amendment 1.

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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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Aluminium and Aluminium Alloy  
Welded Pipes and Tubes

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## 1. Scope

This Japanese Industrial Standard specifies the aluminium and aluminium alloy welded pipes and tubes prepared by welding aluminium and aluminium alloy strips and aluminium alloy brazing sheet by high-frequency induction welding (hereafter referred to as "welded pipes and tubes") and those prepared by welding aluminium and aluminium alloy sheets by inert gas shielded arc welding or other equivalent welding methods (hereafter referred to as "arc welded pipes and tubes").

**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.

Further, the traditional units with numerical values and the accompanying SI units with converted numerical values given in { } in this Standard shall be replaced by the units with the relevant converted values given in Annex on January 1, 1991.

## 2. Types and Designations

The welded and arc welded pipes and tubes shall be classified each into 9 types according to the chemical composition as given in Table 1, and the welded pipes and tubes shall further be subdivided into the normal and the special classes according to the degree of dimensional tolerances.