

AS 1769—1975

Australian Standard[®]

**WELDED STAINLESS
STEEL TUBES
FOR PLUMBING APPLICATIONS**

METRIC UNITS

This standard, prepared by Committee WS/19, Stainless Steel Tube for Water, Gas and Sanitation, was approved on behalf of the Council of the Standards Association of Australia on 6 May 1975.

The following scientific, industrial and governmental organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Associated Chambers of Manufactures of Australia
Brisbane City Council
Department of Housing and Construction
Provincial Sewerage Authorities Association, Victoria
The Institute of Plumbing, Australia
Water, Sewerage and Drainage Authorities

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PREFACE

This standard was prepared by the Association's Committee on Stainless Steel Tubes for Water, Gas and Sanitation at the request of manufacturers of the tubes. The text of the standard is based on BS 4127: Part 2, Light Gauge Stainless Steel Tubes, the major differences being in the range of nominal tube sizes, chemical composition of the material and testing requirements.

This standard makes reference to the following standards:

AS 1000	The International System of Units (SI) and Its Application
AS 1391	Methods for the Tensile Testing of Metals
AS 1585	Capillary Fittings for Use in Water Supply and Hot Water Services
AS 1645	Copper Alloy Compression Fittings For Use in Water Supply and Hot Water Services
AS G31	Stainless and Heat-resisting Steel Plate, Sheet and Strip of AISI-SAE Standard Steels Type (Coils and Cut Lengths)
BS 3889	Methods for Non-destructive Testing of Pipes and Tubes Part 2A—Eddy Current Testing of Ferrous Pipes and Tubes
ASTM A450	Carbon, Ferritic Alloy and Austenitic Steel Tube Specification For General Requirements
ASTM E426	Recommended Practice for Electromagnetic (Eddy Current) Testing of Seamless and Welded Tubular Products, Austenitic Stainless Steel and Similar Alloys.