

AS 2043 to 2046—1977

Australian Standard

**COAL-TAR
PRIMER/ENAMEL
SYSTEMS
FOR STEEL PIPES**

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

Associated Chambers of Manufactures of Australia

Department of Construction

Department of Local Government, Qld

Departments of Public Works

Gas and Fuel Corporation, Victoria

State Electricity Commission of Victoria

State Water and Sewerage Authorities

Water Works Trusts Association of Victoria

These standards, prepared by Committee WS/9/1, Protective Coatings for Steel Pipes, were approved on behalf of the Council of the Standards Association of Australia on 24 March 1977, and were published on 1 November 1977.

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*These standards were issued in draft form for public review as
DR 73032-73035.*

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COAL-TAR PRIMER/ENAMEL SYSTEMS FOR STEEL PIPES

AS 2043—1977	Coal-tar and synthetic (Fast Dry) Primers for Steel Pipes
AS 2044—1977	Coal-tar Enamel for Steel Pipes
AS 2045—1977	Materials Associated with the Coating and Lining of Steel Pipes with Coal-tar Primer/Enamel Systems
AS 2046—1977	Code of Practice for the Coating and Lining of Steel Pipes with Coal-tar Enamel

First published (as AS A126, A127 and CA36) . . . 1965 Revised and issued as AS 2043 to AS 2046 1977

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PREFACE

These standards were prepared by the Association's Committee on Protective Coatings for Steel Pipes, as the revision and metrication of AS A126—1965, AS A127—1965 and AS CA36—1965, which they accordingly supersede.

In the revision, the opportunity has been taken to provide for the use of synthetic (fast dry) primer and to introduce five types of coal-tar enamel for use under service conditions commonly found in Australia.

A new standard, AS 2045, has also been prepared to cover reinforcement of primer/enamel systems by the use of glass-fibre tissue and glass-fibre scrim in addition to wrapping in coal-tar-saturated asbestos felt.

Attention is drawn to the fact that these standards do not purport to satisfy all requirements of rules contained in SAA pipeline codes, and contracting parties may therefore need to consider further requirements to satisfy contracts invoking such codes.

These standards may require reference to the following standards:

AS 1000	The International System of Units (SI) and Its Application
AS 1152	Test Sieves
AS 1627	Code of Practice for Preparation and Pretreatment of Metal Surfaces Prior to Protective Coating
AS 1697	SAA Gas Pipeline Code
AS 1958	SAA Submarine Pipeline Code
AS 2018	SAA Liquid Petroleum Pipeline Code
AS R33	Short Solid-stem Thermometers for Precision Use
AS R34	Long Solid-stem Thermometers for Precision Use
ASTM D4—70	Tests for Bitumen
ASTM D20—72	Test for Distillation of Road Tars
ASTM D76—67	Tensile Testing Machines for Textile Materials
ASTM D92—72	Test for Flash and Fire Points by Cleveland Open Cup
ASTM D95—70	Tests for Water in Petroleum Products and Bituminous Materials by Distillation
ASTM D139—49	Float Test for Bituminous Materials

ASTM D146—65 and D146—72	Felted and Woven Fabrics Saturated with Bituminous Substances for Use in Waterproofing and Roofing
ASTM D147—72	Testing of Bituminous, Mastics, Grouts and Like Mixtures
ASTM D1918—72	Test for Asbestos Content of Asbestos Textile Materials
BS 1041	Code for Temperature Measurement Part 2—Expansion Thermometers Section 2.1—Liquid-in-glass Expansion Thermometers.

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