

Australian Standard[®]

**Inspection and integrity monitoring of
large steel vertical petroleum storage
tanks**



This Australian Standard® was prepared by Committee ME-017, Flammable and Combustible Liquids. It was approved on behalf of the Council of Standards Australia on 9 January 2008.

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- Agsafe
 - Australasian Fire Authorities Council
 - Australian Industry Group
 - Australian Institute of Petroleum
 - Australian Paint Manufacturers Federation
 - Department of the Premier and Cabinet, SA
 - Department of Consumer and Employment Protection, WA
 - Department of Defence
 - Department of Emergency Services, Qld
 - Department of Justice, Tas.
 - Fire Protection Association of Australia
 - Insurance Council of Australia
 - Plastics and Chemicals Industries Association
 - Victorian WorkCover Authority
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Inspection and integrity monitoring of large steel vertical petroleum storage tanks

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NOTES

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PREFACE

This Standard was prepared by Standards Australia Committee ME-017, Flammable and Combustible Liquids, to provide requirements and recommendations for the inspection and integrity monitoring of steel tanks. It is based on the Australian Institute of Petroleum (AIP) CP 16—1993, *Code of Practice—Inspection and integrity monitoring of large steel vertical petroleum storage tanks*, which has been withdrawn by AIP. Committee ME-017 has agreed that CP 16 should be redrafted as an Australian Standard.

This Standard is intended to provide guidelines for a system of tank inspections and condition monitoring as a basis for ensuring the ongoing structural integrity of large petroleum storage tanks. It is not intended to replace any statutory regulations in any area, which take precedence over the requirements of this Standard. The relevant regulatory authority having jurisdiction may determine the extent of application of this Standard.

Individual companies may have additional or special policies and requirements that exceed or vary the requirements set out in this Standard. In such situations, such companies also need to be consulted.

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