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HB 239:2011

Handbook

Guidance on the repair and overhaul of electrical equipment for explosive atmospheres

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This Joint Australian/New Zealand Handbook was prepared by Joint Technical Committee EL-023, Electrical Equipment in Mines. It was approved on behalf of the Council of Standards Australia on 8 December 2010 and on behalf of the Council of Standards New Zealand on 1 July 2011.
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PREFACE

This Handbook was prepared by Standards Australia/Standards New Zealand Committee EL-023, Electrical Equipment in Mines.

The objective of this Handbook is to provide practical guidance for the overhaul and repair of electrical equipment for explosive atmospheres. It contains performance-based information on process and procedures that have been part of AS/NZS 3800 that may not transfer to the revised 2011 version IEC 60079.19, the recognised international Standard for the repair and overhaul of explosion-protected electrical equipment. Additionally, information on the key processes for the repair of reeling and trailing cable is included.

The Handbook offers additional guidance regarding techniques and special processes necessary to ensure consistent and reliable delivery of repaired and overhauled equipment and cables. Also included are appendices covering quality management systems, measurement and calibration, and history of equipment and service facilities approval schemes.

The Handbook has been written to assist repair facilities, owners and operators of electrical equipment in explosive atmospheres.

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