

Australian Standard[®]

**High voltage a.c. switchgear and
controlgear—Vacuum interrupters—
High voltage testing—Protection of
personnel from x-ray emission**



This Australian Standard® was prepared by Committee EL-007, Power Switchgear. It was approved on behalf of the Council of Standards Australia on 18 November 2007. This Standard was published on 5 February 2008.

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- Australian British Chamber of Commerce
 - Australian Electrical and Electronic Manufacturers Association
 - Australian Railway Association
 - Energy Networks Association
 - Engineers Australia
 - Testing interests
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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.

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PREFACE

This Standard was reviewed by the Standards Australia Committee EL-007, Power Switchgear to supersede AS 2981—1987.

This Standard is republished from AS 2981—1987 without technical alterations.

Referenced documents have been updated.

The objective of this Standard is to provide testing conditions and procedures to keep the emission of X-rays as affecting personnel to acceptable limits in the carrying out of high voltage testing on vacuum interrupters and switchgear incorporating vacuum interrupters. The Standard covers factory testing, on-site commissioning, in-service testing and specifies that a chain of responsibility be established for the implementation of these procedures.