

AS/NZS Standards Reference Fire Rated Enclosures.

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CROSS REFERENCE STANDARDS FOR ABTECH FIRE RATED ENCLOSURES

ABTECH SX and BPG Junction Boxes have been tested and Certified "Fire Rated" to the following Standards:

1. Lloyds Register of Shipping – Certificate MCH 7000327

2. IEC 331. 1970 > IEC 60331 > AS/NZS 1660.5.5 (technically aligned to IEC 60331)
(750°C for 3 hours followed by visual inspection • Then 5kV insulation resistance test)

3. AS/NZS 3013:2005 compliant and equivalent to WS52 / IP76 / IK09

3. BS6387 Fire Test - 3 separate tests

1. Fire alone: Category C • Flame at 950°C for 3 hours, cables powered
2. Fire with Water: Category W • Flame at 650°C for 15 minutes then flame and water spray for 15 minutes
3. Fire with Mechanical shock: Category Z • Flame at 950°C with mechanical shock applied at 15s intervals for 15 minutes.

For Australian Fire Rated applications the relevant Standards are AS/NZS 3013:2005 for "Fire Systems" and AS/NZS 1660.5.5.2005 for Fire Tests for Cables, the technical content of AS/NZS 1660 is aligned with IEC 60331. For guidance of the application of IEC 60331 for Australian Fire Rated applications please refer to Australian Standards Guide ref SG-007 (Clause 4).

For any questions please contact Transtech's Technical Sales Department on 08 93022044

