



**Add value.
Inspire trust.**

Australia and New Zealand RCM

Ensure that your products successfully meet the Australian and New Zealand standards by working with a market leader, TÜV SÜD. TÜV SÜD fully understands the local requirements and procedures applicable in Australia and New Zealand.


General information

This factsheet is to introduce the complementary electrical and electronic product certification in Australia and New Zealand. Focusing on safety according to the government gazette issued by the Minister of NSW Fair Trading, it involves all electrical equipment with a rated voltage of greater than 50V AC RMS or 120V ripple-free DC, and less than 1000V AC RMS or 1500V ripple-free DC.

Through this Scheme, manufacturers can demonstrate product safety compliance as required by the Electrical Product Regulators in Australia and New Zealand.

All electrical equipment is categorised under one of the three levels based on its risk assessment. All level 2 (medium risk) and level 3 (high risk) electrical equipment must be registered on the National Database (EESS) before they are offered for sale.

Conformity certification

| Certification type | Certificate validity | Certification mark |
|----------------------------------|----------------------|---|
| Regulatory Compliance Mark (RCM) | 5 years |  |

Remark:

1. RCM involves LVD safety and EMC compliance
2. Particular product approval validity limits to 2 years (e.g., Hair Straighteners)

Regulated products

| Certification scheme | Regulated Products | | |
|---------------------------------------|--|--|------------------------------------|
| Certificate of Conformity (Mandatory) | 1. Air Conditioner incorporating flammable refrigerant | 2. Appliance connector | 3. Arc welding machine |
| | 4. Bayonet lampholder | 5. Beauty care lamp | 6. Blanket |
| | 7. Bread toaster | 8. Building wiring cable | 9. Clothes dryer |
| | 10. Control or conditioning device | 11. Cooking appliance – portable type | 12. Cord extension socket |
| | 13. Cord-line switch | 14. DC isolator | 15. Decorative lighting outfit |
| | 16. Dishwashing machine | 17. Double capped light emitting semiconductor lamp | 18. Edison screw lampholder |
| | 19. Electric hot water bottle | 20. Evaporative cooler | 21. Fan |
| | 22. Fence energizer | 23. Fluorescent lamp ballast | 24. Fluorescent lamp starter |
| | 25. Glue gun | 26. Hair care appliance | 27. Hedge clipper |
| | 28. Immersion heater | 29. Insect electrocutor | 30. Inspection headlamp |
| | 31. Iron | 32. Kitchen machine | 33. Lampholder adaptor |
| | 34. Lawn care appliance | 35. Light emitting semiconductor lamp (self-ballasted) | 36. Liquid heating appliance |
| | 37. Luminaire – portable type | 38. Massage appliance | 39. Microwave oven |
| | 40. Miniature overcurrent circuit breaker | 41. Nightlight – mains socket-outlet mounted | 42. Outlet device |
| | 43. Over blanket/duvet/wrap | 44. Plug | 45. Power supply or charger |
| | 46. Range | 47. Range hood | 48. Razor/hair clipper |
| | 49. Refrigerating appliance | 50. Residual current device | 51. Room heater |
| | 52. Socket-Outlet | 53. Socket-Outlet with supply flexible cord | 54. Soldering Iron |
| | 55. Submersible pump | 56. Supply Flexible Cord | 57. Swimming Pool or Spa Equipment |
| | 58. Tool – Portable type | 59. Vacuum Cleaner | 60. Wall Switch |
| | 61. Washing Machine | 62. Water Heater | |

Basic country deviation

| | |
|---------------------------------|--|
| Official language | English |
| Rated voltage | 230VAC |
| Frequency | 50Hz |
| Plug | AS/NZS 3112 |
| Local climate conditions | N/A |
| Instruction manual | English |
| Critical component list | Type approval certificate is required for controlled critical components including power cord, plug, switch etc. |

Basic application requirements

| | |
|----------------------------|---|
| Test report | AS/NZS standard or IEC standard with national deviation |
| Lab | Either ILAC or CBTL accredited laboratories |
| License holder | RCM registration: Local supplier |
| Factory inspection | Not required |
| EMC | Required |
| Shipment inspection | Not required |
| Rating label | <ul style="list-style-type: none">- Product name- Model No.- Manufacturer (or factory)'s name or trademark or symbol- Country of origin- Specifications (e.g. rated voltage, AC or DC symbol, rated input power, IP-Class (if over IP20), Class rate (if over than Class I), ...etc.)- Warning (if available)- Regulatory Compliance Mark (RCM) |

Application procedure

Five steps to Australia certification

Product testing performed by TÜV SÜD lab

Safety and EMC test report issued

Application and technical documents reviewed and submitted

Certificate of Suitability (optional) for Level 2 issued
Certificate of Conformity (mandatory) for Level 3 issued

Product gets registered in EESS system



TÜV SÜD has the expertise and laboratory infrastructure to support manufacturers in obtaining the necessary approvals and compliance in accordance with Australia's and New Zealand's standards and requirements.

Application lead time and fee

Please contact the nearest local TÜV SÜD office for information.

Your business benefits

- **Save time and money** – by covering all your testing and certification needs through our one stop solution, as well as using our technical pre-check service to avoid retests and minimise costs.
- **Minimise risk** – from business disruption by ensuring that your products conform to a broad range of global market regulations.
- **Shorten time to market** – through TÜV SÜD's process systems and advanced knowledge of regulations.
- **Enjoy expert partnership** – with our team of highly skilled experts that possess in-depth knowledge of the latest changes and updates to global regulations and standards.

How can TÜV SÜD help you?

TÜV SÜD is one of the world's largest independent providers of testing and certification services. With our in-depth knowledge of local legislation, guidelines and standards, we assist you in achieving compliance for your consumer products within the Australia and New Zealand market. TÜV SÜD has the experience and capability to support manufacturers in attaining compliance with Australia and New Zealand regulatory requirements and obtaining the necessary approvals.

TÜV SÜD has close partnerships with the Australian certification body for test result recognition and approval issuance. Currently, we provide all the necessary services for RCM including technical evaluation, testing, Safety type approval application and EMC declaration. We strive to offer comprehensive and competitive services and certification packages. Please contact us directly for details on our current accreditation scope for Australia / New Zealand certification.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Since 1866, the company has remained committed to its purpose of enabling progress by protecting people, the environment and assets from technology-related risks. Through more than 25,000 employees across over 1,000 locations, it adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.