

# Scope of Accreditation



**ACCREDITATION NO: 2110**

## **Ultratest Pty Ltd**

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FACILITIES: Public testing service

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**This facility complies with the requirements of ISO/IEC 17025:2005**

### **6.50 Ultrasonic examination of materials**

- .01 Ultrasonic A-Scan capability, potential testing applications listed below
- .10 Welded ferritic steel joints
- .11 Welded clad and overlaid steel joints
- .12 Welded stainless steel and austenitic joints
- .13 Welded aluminium alloy joints
- .20 Bonded metals - machine bearings
  - White metal bearings only
- .22 Bonded metals - other specified types of bonded metals
  - Ultrasonic examination of tungsten carbide coatings
  - Ultrasonic examination of plasma sprayed overlays per in-house procedure U-131
- .30 Cast steel and iron product
- .31 Cast aluminium alloy product
- .41 Rolled or wrought steel product
  - Including threaded bolts per in-house procedure U-108
- .80 Other examinations of specified metals
  - Ultrasonic examination of copper/steel anode bars per in-house procedure U-126

### **6.51 Ultrasonic thickness testing**

- .01 Material thickness - spot or grid measurements only
- .02 Material profiling including assessment and characterisation of material loss

### **6.61 Magnetic particle testing**

- .01 Magnetic flow method - AC magnetization
  - Excluding all in-house testing methods.

### **6.71 Penetrant testing**

- .01 Water washable method
- .02 Solvent removable method

### **6.91 Visual assessment of materials, prior to initial service**

- .02 Welded joints

### **13.90 Microstructural tests on ferrous materials**

- .15 Macroscopic examination of steels

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Macroscopic examination of welded joints to AS 2205.5.1

**13.91 Microstructural tests on aluminium and aluminium alloys**  
.13 Macroscopic examination of wrought products

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(Scope Last Changed 26/08/10 )

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