



Scope of Accreditation

ACCREDITATION NO: 15840

LMATS Pty Ltd

NDT Laboratory
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FACILITIES: Public testing service

6.01 Radiographic testing (film)

- .01 Welded joints
- .02 Castings
- .03 Wrought products
- .04 Components, composite products and assemblies
Components

6.03 Radiographic determination of wall thickness

- .01 Wall thickness and profile radiography
- .02 Corrosion pitting

6.31 Ultrasonic examination of ferritic steels and irons

- .01 Rolled products
- .02 Welded joints
- .03 Castings
- .04 Forgings

6.32 Ultrasonic examination of aluminium alloys

- .01 Rolled products
- .02 Welded joints
- .03 Castings
- .04 Forgings
- .05 Extruded products

6.33 Ultrasonic examination of austenitic steels

- .01 Rolled products
- .02 Welded joints
- .03 Castings
- .04 Forgings

6.34 Ultrasonic examination of clad steels

- .11 Welded joints in clad and overlaid steels

6.39 Ultrasonic examination of other specified metals

- Nickel or duplex stainless steels, alloy steels



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6.51 Ultrasonic thickness testing

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

6.52 Ultrasonic examination of bonded metals

- .01 Machine bearings
- .02 Welded hard facings

6.61 Magnetic particle testing

- .01 Magnetic flow method - AC magnetization
- .02 Current flow method
- .03 Coil method
- .04 Magnetic flow method - DC magnetization to specified in-house procedures
Tests in accordance with LMATS procedure TP-MT-01

6.71 Penetrant testing

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

6.81 Electromagnetic testing

- .11 Surface flaw detection using high frequency eddy current
- .12 Coating thickness measurement
- .13 Sorting of materials by conductivity
- .21 Sub-surface flaw detection using low frequency eddy current

6.91 Visual inspection of materials, not including in-service inspection

- .01 Rolled products
- .02 Welded joints
- .03 Castings
- .04 Forgings
- .99 Other specified products

6.92 Visual inspection of items in-service, supplementary to NDT, not including structures or assemblies

- .01 Specified rolled products
Pressure vessel and structural plates and sections
- .02 Specified welded joints
Pressure vessel and structural welds, including pipe welds
- .03 Specified castings
Valve bodies, piping components, locomotive engine components
- .04 Specified forgings
Valve components, pressure vessel attachments, locomotive engine components
- .99 Other specified products
Deep drawn cylinders

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Corporate Site No: 17969

(Scope Last Changed 18/11/08)