



Categories of Inspection

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Categories of Inspection

The Scope of Accreditation for all inspection bodies is catalogued within specific Categories of Inspection. This classification system is product-based in its structure. It provides a general description of industry groups for accreditation coverage and gives a first order structure to the presentation of a Scope of Accreditation.

Application for inspection accreditation may be made for one or more of the sub-categories listed below. To facilitate the consideration of an application, an inspection body should submit specific detail regarding the industry area concerned, the type(s) of inspection conducted, the applicable methods and/or specifications and any other detail that will assist in clearly defining the range of activity conducted. A NATA accreditation officer will assist with this process.

Once an organisation gains accreditation, the Scope of Accreditation is available from the NATA website directory for public access.

When detailing a Scope of Accreditation, the following principles will be applied in all instances. The appropriate category and sub-category will be selected for the inspection activity. Free text further defining and/or limiting the technical capability of the organisation that NATA has assessed will be added. Groups of three lines of text will normally be used as follows:

- 'type' of inspection conducted
- all applicable codes, methods, specifications or procedures will be listed
- free text words covering any competency limitations not already defined within the above parameters.

A typical example of this is as follows:

02. Industrial equipment and machinery
 .01 Pressure equipment
 .03 In-service inspection
Code(s): AS/NZS 3788

Pressure equipment as detailed in AS/NZS 3788 table 4.1 as follows:
4.1.1 Boilers
etc.

The Scope of Accreditation may be extended at any time on written request to NATA. Consideration of the requested extension will normally include a site visit as well as a technical review of the relevant procedures and supporting documentation. Fees are charged for these activities.

The Categories of Inspection are revised from time to time. However, where the existing classification descriptors do not cover the specific needs of an inspection service, the Inspection Accreditation Advisory Committee (IAAC) may establish new categories and/or sub-categories. Interim measures are provided with sub-category listings: '.99 Other'. Consult with a NATA Lead Assessor for advice on this issue.

01. Agriculture and agricultural products

- .01 Livestock
- .02 Meat products
- .03 Milk and milk products
- .04 Crops
- .05 Grain products
- .06 Wool
- .07 Seed production
- .99 Other

02. Industrial equipment and machinery

- .01 Pressure equipment
 - .01 Design verification
 - .02 Fabrication inspection
 - .03 In-service inspection
 - .04 Witnessing
- .02 Lifting and lifted equipment
 - .01 Lifting devices
 - .02 Lifted equipment
 - .03 Rigging
 - .04 Rigging components
 - .05 Cranes
 - .06 Crane components
 - .07 Elevators and lifts
 - .08 Conveyors
 - .09 Forklifts
 - .10 Fall arrest systems
 - .11 Anchorages and holding points
 - .12 Goods lifts
 - .13 Motorised and static ladders (naval)
 - .14 Elevating work platforms and telehandlers
 - .15 Tables and stands
 - .17 Ladders
- .03 Mobile equipment
- .04 Industrial machinery
- .05 Explosion-protected equipment
- .06 Coatings and corrosion
- .07 Construction equipment
- .08 Fabricated assemblies and structures
- .09 Electric generators, motors and related equipment
- .10 Power transmission equipment
- .11 Fixed plant
- .12 Pipelines
- .13 Pressurised machines
- .14 Storage tanks
- .15 Temperature controlled equipment
- .16 Functional safety
- .17 Diesel engine systems
- .18 Flexible hoses
- .99 Other

- 03. Manufactured goods
 - .01 Fabricated metal components and products
 - .02 Moulded polymers and composites
 - .03 Electrical and electronic products
 - .01 Electromagnetic compatibility
 - .02 Electrical safety
 - .03 Risk assessment
 - .04 Software
 - .05 Product examination
 - .04 Food and beverages
 - .05 Textiles and textile products
 - .06 Refractories and ceramics
 - .07 Timber products
 - .08 Gaming systems
 - .09 Medical devices
 - .99 Other

- 04. Natural resources and refined products
 - .01 Ores and minerals
 - .02 Ore concentrates and metals
 - .03 Coal and coke
 - .04 Gas, petroleum and petrochemical products
 - .05 Timber
 - .06 Essential oil production
 - .99 Other

- 06. Building construction and maintenance
 - .01 Commercial buildings
 - .02 Residential buildings
 - .03 Roads and associated works
 - .04 Temperature control and associated plant
 - .05 Coatings and corrosion
 - .07 Building products
 - .08 Earthworks
 - .09 Underground conduits
 - .10 Steel fabricated structures and assemblies
 - .11 Concrete structures
 - .12 Telecommunications cabling
 - .13 Utilities metering
 - .14 Fire protection equipment
 - .15 Playground equipment
 - .16 Signage
 - .17 Barriers
 - .18 Plumbing
 - .99 Other

- 07. Transport
 - .01 Aviation
 - .02 Road
 - .03 Rail
 - .04 Marine surveying and seaworthiness
 - .05 Cargo verification
 - .06 Transport infrastructure
 - .99 Other

- 08. Accommodation

- 09. Environment
 - .01 Landform
 - .02 Soil and geotechnical
 - .03 Vegetation
 - .04 Hydrology
 - .05 Biota
 - .06 Atmosphere
 - .07 Contaminated sites
 - .08 Odour
 - .09 Noise and vibration
 - .10 Built environment
 - .11 Electromagnetic fields

- 10. Inspection of processes
 - .01 Welding
 - .02 Coatings
 - .03 Packaging
 - .04 Labelling
 - .05 Cleanliness
 - .06 Contamination
 - .07 Product identification
 - .08 Product traceability
 - .09 Process readiness
 - .10 Expediting
 - .11 Witnessing
 - .12 Process surveillance

- 90. European regulatory requirements
 - .01 Machinery Directive
 - .02 Simple Pressure Vessels Directive
 - .03 Electromagnetic Compatibility Directive
 - .04 Low Voltage Equipment Directive
 - .05 Telecommunications Terminal Equipment Directive

AMENDMENT TABLE

The table below provides a summary of changes made to the document with this issue.

Amendments
Deletion of Categories/Sub-categories: 2. 2. 16 Portable ladders
Addition of Categories/Sub-categories: 2. 2. 17 Ladders 2. 18 Flexible hoses