

Classification System for Inspections

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FOREWORD

INAB accreditation is granted to inspection bodies undertaking inspection work to documented procedures in various fields of inspections such as product design, products (materials or equipment), installation, plant, premises, process, services and surveys. Frequently these inspections will be conducted to EC directives, regulations, national or international standard specifications, internal procedures where the range of inspections could be for example, in-service inspections or inspection of new products.

When applying for accreditation the inspection body is asked to define as precisely as possible each of the areas for which it is seeking accreditation. Applicant inspection bodies are therefore asked to quote the relevant class number for each inspection when completing their application form.

The classification scheme used by INAB closely follows that employed by the National Association of Testing Laboratories (NATA) in Australia.

1. INSPECTION

The scope of accreditation for all accredited inspection bodies is catalogued within specific *Categories of Inspection*. This classification system is primarily 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. When detailing a scope of accreditation, the appropriate category and sub-category should be selected for the inspection activity.

101 Agriculture and agricultural products

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

102 Industrial equipment and machinery

- .01 Pressure equipment
- .02 Lifting and lifted equipment
 - Lifting devices
 - Lifted equipment
 - Rigging
 - Elevators and lifts
 - Conveyers
 - Forklifts
- .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
- .99 Other

103 Manufactured goods

- .01 Fabricated metal components and products
- .02 Moulded polymers and composites
- .03 Electrical and electronic products
 - Electromagnetic compatibility
 - Electrical safety
- .04 Food and beverages
- .05 Textiles and textile products
- .06 Refractories and ceramics
- .07 Timber products
- .99 Other

104 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
- .99 Other

106 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
- .97 Second party requirements
- .99 Other

107 Transport

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

108 Accommodation

- .01 Hotel and motel accommodation
- .02 Apartments, serviced apartments, holiday units and cottages
- .03 Bed and breakfast, guest houses and private hotels
- .04 Resort accommodation
- .05 Caravan parks
- .06 Park accommodation
- .07 Backpackers and hostels
- .99 Other

109 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

1010 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

1011 European regulatory requirements

- .01 Machinery safety
- .02 Simple pressure vessels
- .03 Electromagnetic compatibility
- .04 Low voltage equipment
- .05 Radio and telecommunications terminal equipment
- .06 Appliances burning gaseous fuels
- .07 Cableway installations designed to carry persons
- .08 Construction products
- .09 Equipment and protective systems in potentially explosive atmospheres
- .10 Explosives for civil uses
- .11 Lifts
- .12 Measuring instruments
- .13 Medical devices: Active implantable
- .14 Medical devices: General
- .15 Medical devices: In vitro diagnostic
- .16 New hot-water boilers fired with liquid or gaseous fluids (efficiency requirements)
- .17 Non-automatic weighing instruments
- .18 Packaging and packaging waste
- .19 Personal protective equipment
- .20 Pressure equipment
- .21 Recreational craft
- .22 Toys safety
- .23 Transportable pressure equipment
- .24 Noise emission in the environment by equipment for use outdoors
- .25 Interoperability of the trans-European conventional rail system
- .26 Measuring Instruments
- .27 Protection of persons arising from ionising radiation including medical exposure & statement of radioactive substances
- .28 Solvent Directive
- .29 ADR Carriage of Dangerous Goods by Road
- .99 Other