Classification of Scopes in ISO/IEC 17025 (Testing)

Introduction

Scopes of accreditation is defined by the classes shown below and usually include reference to specific determinations, analytical techniques, relevant standards, test methods and specifications or in-house test methods and, in some cases, include analytical ranges and limits of reporting. Accreditation for these scopes may be granted in whichever applicable field of testing and/or sampling associated with subsequent testing that best suits the concerned authority.

The scope of accreditation may be extended provided that the laboratory complies with conditions for accreditation for the classes of scopes or specific tests involved. Where the existing classes do not cover the needs of a laboratory, PAB welcomes proposals for additional classes to be included in this field.

Adhesives and sealants
Aggregates
Agricultural products and materials
Antistatic materials for industrial applications
Assemblies and structures
Automotive
Beverages
Biocides
Bituminous materials
Bridges, potentiometers, test sets
Building boards and plywood
Cables and feeders
Capacitors
Carbon black
Cements, concrete and related products
Clays, ceramics and related materials
Communications equipment
Compressors
Conducting materials, conductors and resistance alloys
Constituents of the environment
Cosmetics, perfumes and essentials oils
Crude petroleum
Culture media and reagents
Cylinders and other pressure vessels
Detergents and related products
Diagnostic kits
Dosimeters
Drugs and pharmaceuticals
Electrical equipment for explosive atmospheres
Electrical machines and auxiliary apparatus
Electromedical equipment
Electronic equipment and components
Engines
Explosives and associated materials
Factory hygiene
Fans and blowers
Fats, oils and waxes
Fiber rope and cordage
Foods
Frequency and time measuring instruments and standards
Fuels

Furnitures
Gases and aerosols
Genetically Modified Organisms (GMO)
Glass and glass products
Hand tools
Human drugs, biological products and medical devices
Indicating and recording instruments
Inductors and transformers
Industrial fasteners
Industrial vehicles and agricultural vehicles
Ink, dyes and pigments
Instrument calibrators
Insulating materials and insulators
Laboratory reagents
Leather and leather products
Lifting gear, chain, wire rope and fittings
Liquid and Solid wastes (domestic and industrial)
Lubricants
Magnetic materials and instruments
Medical Devices
Metallic coatings and treatment solutions
Metals and alloys
Metal products
Microbial cultures
Oil shale
Optical fiber systems
Ores and Minerals
Packaging and containers
Paints and related surface coatings
Paper, paperboard and pulp
Particle sizing
Pathogens in plants/animals
Pests in plants and plant materials
Pharmaceuticals
Pipelines
Pipes, hoses, valves and fittings
Plastics and plastic products
Power rectifiers
Power supplies and stabilizers
Precision transfer instruments
Pumps
Refractories
Resins
Resistors, resistance boxes and potential dividers
RF and microwave radiation hazard measurement
Rubber and rubber products
Seat belts and safety equipment
Signal sources
Solvents
Sporting and recreational equipment
Substances for potential genetic activity
Surfaces in abattoirs
Switching, control and protective equipment for power system
Textiles and related products
Timber and timber products

Toys and games
Traditional-Herbal Products
Veterinary pharmaceutical and biological products
Voltage standards
Waters
Waveform measuring instruments
Weighing devices
Welder devices
Workplace environments and hazards