



Specific Accreditation Guidance

Scope of accreditation - service descriptors for infrastructure and asset integrity

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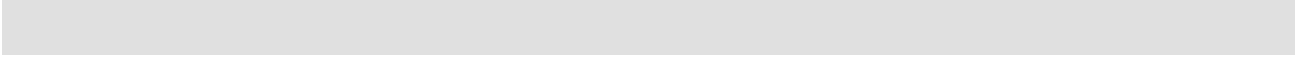
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This document lists the descriptors for services currently able to be accredited for infrastructure and asset integrity.

In addition to referencing ISO/IEC 17025, infrastructure and asset integrity and the applicable services listed below, scopes of accreditation will include the material/item/product tested, the determination, the technique used, the procedure adopted and the range/limitation.

For the services applicable to non-destructive testing, the scopes of accreditation will only reference ISO/IEC 17025, infrastructure and asset integrity, the applicable services, the material/item/product tested, the determination and the technique used.

The listing of services will be updated as new ones are accredited.

Services	
Acoustic emission analysis and diagnostics of materials and structures subject to stress	
Establishment of annex facilities	
Evaluation of air control equipment	
Evaluation of environmental durability of assets and equipment	
Evaluation of geotechnical and civil construction material	Aggregate binder adhesion
	Aggregate contaminants
	Aggregate petrographic examination
	Aggregate properties
	Aggregate stabilisation
	Asphalt adhesion and stripping
	Asphalt extraction and grading
	Asphalt field density
	Asphalt mechanical properties
	Asphalt mix design
	Asphalt performance
	Asphalt specimen manufacture
	Asphalt volumetric properties
	Asphalt performance

Services	
Evaluation of geotechnical and civil construction material	Concrete grout and mortar consistence in-situ
	Concrete, grout and mortar properties
	Concrete, grout and mortar specimen manufacture and curing
	Masonry, concrete and clay unit properties
	Road pavement profile
	Road pavement structural performance
	Road pavement surface characteristics
	Rock properties
	Soil classification
	Soil compaction characteristics
	Soil engineering properties
	Soil field density
	Soil natural contaminants
	Soil stabilisation
	Soil pre-treatment
	Soil engineering properties
Evaluation of geometric properties of structures and equipment	
Evaluation of high voltage/power equipment and components	Energy efficiency classification
	Performance
Evaluation of load generating lifting appliances	
Evaluation of load handling, rigging and tensioning systems	
Evaluation of mechanical performance of pedestrian and impact attenuation surfaces	
Evaluation of mechanical performance of pressure plant, pipelines and equipment	
Measurement of sound levels in workplaces and the environment	
Non-destructive examination	Material properties and internal integrity

Services	
	Product profile and corrosion mapping
Non-destructive examination	Surface techniques
Sample collection	
Thermographic analysis of infrastructure and equipment	
Vibration analysis	Equipment condition monitoring
	Machine balance quality
	Vibration levels in workplaces and the environment
	Vibrational behaviour of structures

Amendment Table

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

Amendment
<p>New document incorporating the relevant services previously covered by specific classes/subclasses of tests in the fields of Chemical Testing, Construction Materials Testing, Mechanical Testing, Non-destructive Testing and Performance and Approvals Testing.</p> <p>This new document describes the revised nomenclature for describing these services able to be covered by scopes of accreditation.</p>