



## **Specific Accreditation Guidance**

### **Scope of accreditation - service descriptors for infrastructure and asset integrity**

**September 2019**



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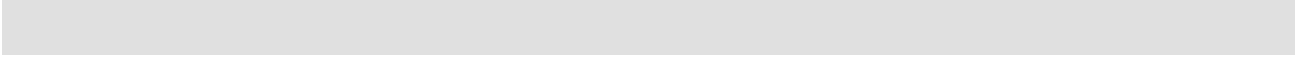
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This document lists the descriptors for services currently able to be accredited under the activity of *Infrastructure and Asset Integrity*.

Scopes of accreditation will reference ISO/IEC 17025, identify Infrastructure and Asset Integrity as the activity, the applicable services, the products tested, the determinations, the techniques used, the procedures adopted and any applicable range/limitation.

For non-destructive testing (NDT), the scopes of accreditation will only reference ISO/IEC 17025, identify Infrastructure and Asset Integrity as the activity the applicable services, the products tested, the determinations and the techniques used.

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

<b>Services</b>	
Acoustic emission monitoring of metallic and composite materials	
Establishment of annex facilities	
Evaluation of air control equipment	
Evaluation of environmental durability of assets and equipment	
Evaluation of geometric properties of structures 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
Evaluation of geotechnical and civil construction material	Asphalt performance
	Concrete, grout and mortar consistence in-situ

<b>Services</b>	
	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 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 testing (NDT)	Material properties and internal integrity
	Product profile and corrosion mapping
	Surface techniques
Sample collection	
Thermographic analysis of infrastructure and equipment	
Vibration analysis	Equipment condition monitoring
	Machine balance quality

<b>Services</b>	
	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.

<b>Amendment</b>
“Non-destructive examination” has been corrected to “Non-destructive testing (NDT)”.