

ACCREDITATION DOCUMENT

CAL 032

**Quality Assurance and Testing Centre 3 (QUATEST 3),
7, Road 1, Bien Hoa Industrial Zone 1, Dong nai Province, Vietnam
VN-71161 Vietnam**

The scope of accreditation is K05 Mechanical quantities and K10 Temperature in accordance with the specifications on the following pages in this document.

The accreditation was initially granted 11.12.2007 and given according to Parliamentary Proposition no. 106 (1989/1990) and the Statutes of Norwegian Accreditation, established by Royal Decree of 7th October 1993.

The laboratory complies with the requirements in NS-EN ISO/IEC 17025 (2005)

The accreditation requires regular surveillance, and is valid until 11.12.2012.

The decision of accreditation made by Norwegian Accreditation implies that the organisation has been found to fulfil the requirements for accreditation within the scope.

The organisation itself is responsible for the results of performed measurements.

NORWEGIAN ACCREDITATION

Administrative/geographical unit:

Quality Assurance and Testing Centre 3 (QUATEST 3)
7, Road 1, Bien Hoa Industrial Zone 1, Dong nai Province, Vietnam
VN-71161 Vietnam

Permanent facility **K05** **Mechanical quantities**

Measured quantity Instrument/Gauge	Measurement range/-value	Measurement Capabilities expressed as expanded uncertainty U (k=2)	Remarks/ ref. to internal procedure
Scale and platform balances (Non-automatic)			QTHC/KT3 18:2007
	to 500 g, d =1 g	1 g to 3 g	
	to 6 kg, d =10 g	10 g to 30 g	
	to 100 kg, d =10 g	10 g to 30 g	
	to 500 kg, d=100 g	100 g to 300 g	
	to 1 500 kg, d =100 g	100 g to 300 g	
	to 5 000 kg, d =500 g/1 kg	500 g to 1 500 g	

Permanent facility **K10** **Temperature**

Measured quantity Instrument/Gauge	Measurement range/-value	Measurement Capabilities expressed as expanded uncertainty U (k=2)	Remarks/ ref. to internal procedure
Industrial PRT & Working standard PRTs			QTHC/KT3 15:2006
	-80 °C to -38 °C	± 0.02 °C	
	-38 °C to 0 °C	± 0.01 °C	
	0 °C to 200 °C	± 0.03 °C	
	200 °C to 420 °C	± 0.04 °C	
Thermocouples			QTHC/KT3 16:2006
	0 °C to 400 °C	± 0.1 °C	
	400 °C to 1000 °C	± 0.8 °C	
Liquid-in glass thermometers			QTHC/KT3 19:2007
	-80 °C to -38 °C	± 0.1 °C	
	-38 °C to 60 °C	± 0.01 °C	
	60 °C to 200 °C	± 0.02 °C	
	200 °C to 400 °C	± 0.1 °C	
	400 °C to 500 °C	± 0.6 °C	

