



OIML CERTIFICATION SYSTEM (OIML-CS)

OIML Test Laboratory Capability

Load cells – OIML R 60

Name of Test Laboratory:		National Institute of Metrology, China		
	Class A	Class B	Class C	Class D
Minimum load D_{\min} (kg)	N/A	0	0	0
Maximum load D_{\max} (kg)	N/A	100,000	100,000	100,000
Maximum number of load cell verification intervals n_{\max}	N/A	100,000	10,000	1,000
Minimum load cell verification interval v_{\min}	N/A	0.1 g	0.1 g	0.1 g
Type of loads to be tested	<input checked="" type="checkbox"/> Tension <input checked="" type="checkbox"/> Beam (shear) <input checked="" type="checkbox"/> Universal		<input checked="" type="checkbox"/> Compression <input checked="" type="checkbox"/> Beam (bending)	
Type of tests related to humidity effects	<input type="checkbox"/> Damp heat, steady state		<input checked="" type="checkbox"/> Damp heat, cyclic test	
Range for temperature effects	Lower limit: - 10 °C Upper limit: + 40 °C			