

Tested product/material	Tested/measured parameter, type of the test, measuring range	Identification of the testing/measuring method
Electrical apparatus for potentially explosive atmospheres	General provisions - Type verification and type test - Tests for resistance to impact - Drop test - Torque test for bushings - Thermal tests - Thermal stability - Resistance to cold - Insulation resistance test - Tests of cable entries	IEC 60079-0: 2011
	Oil immersion - Type test - Temperature taking - Leakage test - Explosion test	IEC 60079-6:2015
Electrical apparatus for potentially explosive atmospheres	Pressurised apparatus - Type verification and type test - Pressure measurement - Leakage test - Temperature taking	IEC 60079-2 : 2014
	Powder filling - Type test - Hydraulic type test - Determination of temperature rise - Testing of the degree of protection	IEC 60079-5 : 2015
	Flameproof enclosure - Type test - Routine test - Test of ability to withstand pressure - Test for non-transmission of an internal ignition - Test of cable entries	IEC 60079-1 : 2014
Electrical apparatus for potentially explosive atmospheres	Increased safety - Type test - Routine test - Test of electrical strength - Test of tracking resistance - Tests of engines, lamps	IEC 60079-7 : 2015
	Intrinsic safety - Type test - Spark tests - Voltage tests, test of electrical strength - RLC measurements	IEC 60079-11 :2011

Tested product/material	Tested/measured parameter, type of the test, measuring range	Identification of the testing/measuring method
	Encapsulation - Type test - Voltage test - Thermal tests - Tests of electrical strength - Tensile test of cables	IEC 60079-18 : 2014
Electrical apparatus for potentially explosive atmospheres	Non-sparking “n” - Type test - Tests of explosion safety - Voltage test - Test for resistance to impact - Determination of temperature rise - Drop test - Tensile test of cables	IEC 60079-15: 2010
Equipment with protection level “Ga”		IEC 60079-26: 2014
Electrical apparatus for the detection and measurement of combustible gases	General provisions and test methods - Type test - Calibration, adjustment - Test of the change of the measured value - Test of the effects of the ambient conditions - Resistance to the environment - Electrical tests - Mechanical tests	IEC 60079-29-1:2016
Electrical apparatus for the detection and measurement of combustible gases	Performance requirements for Group I apparatus indicating up to 5 % (V/V) methane in air - Taking of calibration curve - Test of the changes of the measured value - Test of the effects of the ambient conditions - Electrical tests - Mechanical tests	
	Performance requirements for Group I apparatus indicating up to 100 % (V/V) methane in air - Taking of calibration curve - Test of the changes of the measured value - Test of the effects of the ambient conditions - Electrical tests - Mechanical tests	

Tested product/material	Tested/measured parameter, type of the test, measuring range	Identification of the testing/measuring method
	Performance requirements for Group II apparatus indicating up to 100 % explosive limit - Taking of calibration curve - Test of the changes of the measured value - Test of the effects of the ambient conditions - Electrical tests - Mechanical tests	
Electrical apparatus for the detection and measurement of combustible gases	Performance requirements for Group II apparatus indicating up to 100 % (V/V) gas - Taking of calibration curve - Test of the changes of the measured value - Test of the effects of the ambient conditions - Electrical tests - Mechanical tests	
Electrical apparatus for use in the presence of combustible dust	Electrical apparatus protected by enclosures “t”	IEC 60079-31:2013