

ISO 11565:2024-06 (E)

Road vehicles - Spark-plugs - Test methods and requirements

Contents		Page
Foreword		iv
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Test methods and requirements		1
4.1 General.....		1
4.2 General characteristics.....		2
4.2.1 Test.....		2
4.2.2 Requirements.....		2
4.3 Dimensions.....		2
4.3.1 Test.....		2
4.3.2 Requirement.....		3
4.4 Mechanical performance.....		3
4.4.1 Mechanical strength of the shell.....		3
4.4.2 Tear-off resistance of the high voltage terminal.....		3
4.4.3 Bending resistance.....		3
4.4.4 Vibration resistance.....		4
4.5 Gas tightness.....		4
4.5.1 General.....		4
4.5.2 Test.....		4
4.5.3 Requirement.....		6
4.6 Thermal shock, thermal resistance.....		6
4.6.1 General.....		6
4.6.2 Test.....		6
4.6.3 Requirement.....		6
4.7 Electrical performance.....		7
4.7.1 Resistance of the incorporated element for electromagnetic interference (EMI) suppression.....		7
4.7.2 Withstand voltage of the insulator.....		7
4.8 Loading life of the incorporated resistor.....		8
4.8.1 General.....		8
4.8.2 Test.....		8
4.8.3 Requirement.....		8
Annex A (informative) Test device to test the bending resistance of the insulator		10
Bibliography		11