
**Road vehicles — Unscreened
high-voltage ignition cable assemblies —
Test methods and general requirements**

*Véhicules routiers — Assemblages de câbles d'allumage haute tension
non blindés — Méthodes d'essai et exigences générales*



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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6856 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 1, *Ignition equipment*.

This third edition cancels and replaces the second edition (ISO 6856:1990), which has been technically revised.

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Road vehicles — Unscreened high-voltage ignition cable assemblies — Test methods and general requirements

1 Scope

This International Standard specifies test methods and general requirements for unscreened high-voltage ignition cable assemblies, and is applicable to all such assemblies used in road vehicle applications.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests*

ISO 3808-2, *Road vehicles — Unscreened high-tension ignition cables — Part 2: Cable classes, types, applicable tests and special requirements*

3 Test methods

3.1 General

3.1.1 Preconditioning

Precondition all test samples at $(23 \pm 5)^\circ\text{C}$ and at 10 % to 75 % relative humidity for 24 h before starting any test sequence.

3.1.2 General test conditions

All tests shall be carried out at an ambient temperature of $(23 \pm 5)^\circ\text{C}$, unless otherwise specified.

Each test sequence shall be started with unused test samples.

Cables shall be in accordance with ISO 3808-2, and the cable(s) used shall be noted in the test report.

Cable attachment shall be performed in accordance with customer requirements and/or industry specification.

During the whole test sequence, no lubrication or other additional means on the contact surface making possible better test results shall be permitted. Production-related remains of lubricants on the contacts are allowed.