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**NATIONAL STANDARD OF THE PEOPLE'S
REPUBLIC OF CHINA**

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GB/T 19836-2005

Instrumentation for Electric Vehicles

电动汽车用仪表

(IEC 784: 1984, Instrumentation for electric road vehicles, NEQ)

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Instrumentation for Electric Vehicles

1 Scope

This Standard specifies the category and general requirements of instrumentation for electric vehicles.

This Standard is applicable to instrumentation for electric vehicles.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB 4208 Degrees of protection provided by enclosure (IP code) (GB 4208-1993, eqv IEC 529: 1989)

GB/T 17619 Limits and methods of testing for immunity of electrical / electronic sub-assemblies in vehicles to electromagnetic radiation

GB 18655 Limits and methods of measurement of radio disturbance characteristics for the protection of receivers used on board vehicles

QC/T 413-2002 Basic Technical Requirements for Automotive Electric Equipment

3 Kind of Instrumentation

3.1 Indicating meter devices

3.1.1 Indicating meter devices of traction battery

It is recommended that instrumentation be provided so that the vehicle operator can determine the state of charge of the battery.

3.1.1.1 State of charge indicator

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