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**Electric resistance welded carbon steel  
tubes for automobile**

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## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Iron and Steel Federation (JISF) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS G 3472:2013** is replaced with this Standard.

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# Electric resistance welded carbon steel tubes for automobile

## 1 Scope

This Japanese Industrial Standard specifies the electric resistance welded carbon steel tubes designed to be used for automobiles (hereafter referred to as tubes). This Standard is generally applicable to the tubes in the range of 15.9 mm to 101.6 mm in outside diameter.

In addition to the items specified in the main body, the items of supplementary quality requirements which the purchaser can specify upon agreement with the manufacturer are shown in Annex A.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) shall be applied.

JIS G 0320 *Standard test method for heat analysis of steel products*

JIS G 0321 *Product analysis and its tolerance for wrought steel*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 0582 *Automated ultrasonic examination of steel pipes and tubes*

JIS G 0583 *Automated eddy current examination of steel pipes and tubes*

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*

JIS Z 8401 *Guide to the rounding of numbers*

## 3 Symbol of grade

Tubes are classified into 11 grades. The classification and the symbol of grade shall be as given in Table 1.