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Axles for railway rolling stock
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Axles for railway rolling stock

1 Scope

This Korean Standard defines carbon steel axles (hereinafter, referred to as axles) used for railway rolling stock (the maximum speed of 150 km/h or less). Axles of special formats are not applied by this standard.

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.

KS B 0801, *Test specimen for tensile test for metallic materials*

KS B 0802, *Method of tensile test for metallic materials*

KS B 0804, *Metallic materials - bend test*

KS B 0809, *Impact test specimen for metallic materials*

KS B 0810, *Method of impact test for metallic materials*

KS B 0817, *General rule of ultrasonic testing of metals by the pulse echo technique*

KS D 0213, *Method for magnetic particle testing of ferromagnetic materials and classification of magnetic particle indication*

KS D 1801, *General rules for chemical analysis of iron and steel*

KS D 1802, *Methods for determination of phosphorus and iron and steel*

KS D 1803, *Methods for determination of sulfur in iron and steel*

KS D 1804, *Methods for determination of carbon in iron and steel*

KS D 1805, *Methods for determination of silicon in iron and steel*

KS D 1806, *Methods for determination of manganese in iron and steel*

3 Terms and Definitions

For the purposes of this document, the following terms and definitions apply.