

BS 6635:2015



BSI Standards Publication

# Manufacture of saddle trees made from wood – Specification

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 12, an inside back cover and a back cover.

## Foreword

### Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 30 June 2015. It was prepared by Subcommittee SW/136/14, *Saddle trees*, under the authority of Technical Committee SW/136, *Sports, playground and other recreational equipment*. A list of organizations represented on this committee can be obtained on request to its secretary.

### Supersession

This British Standard supersedes BS 6635:2003, which is withdrawn.

### Information about this document

This is a full revision of the standard, and introduces the following principal changes to the specified:

- quality of component metals;
- quantity, type and dimensions of rivets;
- manufacturing process; and
- load test failure value.

### Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is "shall".

*Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.*

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause J.1.1, which states, "Requirements should be expressed using wording such as: 'When tested as described in Annex A, the product shall ...'". This means that only those products that are capable of passing the specified test will be deemed to conform to this standard.

### Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with a British Standard cannot confer immunity from legal obligations.**

## 1 Scope

This British Standard specifies constructional and dimensional requirements for the manufacture of saddle trees made from wood. It applies to horse-riding saddles for general use (jumping, showing, hacking, dressage and similar activities) but excludes saddle trees for use with racing saddles.

This standard does not give requirements for saddle trees made from synthetic materials, which are given in BS 7875.

## 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.

PD 970:2005, *Wrought steels for mechanical and allied engineering purposes – Requirements for carbon, carbon manganese and alloy hot worked or cold finished steels*

BS 1203:2001, *Hot-setting phenolic and aminoplastic wood adhesives – Classification and test method*

BS 1449-1.1:1991, *Steel plate, sheet and strip – Part 1: Carbon and carbon-manganese plate, sheet and strip – General specification*

BS 3146-1, *Specification for investment castings in metal – Part 1: Carbon and low alloy steels.*

BS 3146-2, *Specification for investment castings in metal – Part 2: Corrosion and heat resisting steels, nickel and cobalt base alloys*

BS EN 1982, *Copper and copper alloys – Ingots and castings*

BS EN 10029, *Hot-rolled steel plates 3 mm thick or above – Tolerances on dimensions and shape – Specification*

BS EN 10048, *Hot rolled narrow steel strip – Tolerances on dimensions and shape*

BS EN 10051, *Specification for continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels – Tolerances on dimensions and shape*

BS EN 10088-2, *Stainless steels – Part 2: Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes*

BS EN 10095, *Heat resisting steels and nickel alloys*

BS EN 10111:2008, *Continuously hot-rolled low carbon steel sheet and strip for cold forming – Technical delivery conditions*

BS EN ISO 9445-1, *Continuously cold-rolled stainless steel – Tolerances on dimensions and form – Narrow strip and cut lengths*

BS EN ISO 9445-2, *Continuously cold-rolled stainless steel – Tolerances on dimensions and form – Wide strip and plate/sheet*

## 3 Terms and definitions

For the purposes of this British Standard, the following term and definition applies.

### 3.1 saddle tree

framework on which a riding saddle is made