

INTERNATIONAL



UNION OF RAILWAYS

UIC CODE

Leaflet to be classified in Volumes:

- V - TRANSPORT STOCK
- VI - TRACTION
- VIII - TECHNICAL SPECIFICATIONS

897-5
OR

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**TECHNICAL SPECIFICATION
FOR A SYSTEM OF SYMBOLS FOR WIRE ELECTRODES
AND FLUX
FOR AUTOMATIC SUBMERGED ARC WELDING
OF CARBON, CARBON-MANGANESE AND LOW ALLOY STEELS**

1) This leaflet is:

- *obligatory* for all technical documents prepared by the UIC and the ORE,
- *recommended* for technical documents of the UIC Member Railways:

- 2 -

REVISIONS

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NOTE

This leaflet is part of a set which also includes:

- Leaflets in sub-section 89 (897): Welding

CONTENTS

1 - PURPOSE

2 - DESIGNATION

- 2.1 - Abbreviated designation
 - 2.1.1 - Symbols for the wire electrodes
 - 2.1.1.1 - Symbol for the product
 - 2.1.1.2 - Symbol for the chemical composition
 - 2.1.2 - Symbols for the flux
 - 2.1.2.1 - Symbol for the manufacturing method of the flux
 - 2.1.2.2 - Symbol for the principal chemical constituents of the flux
 - 2.1.3 - Symbol for weld deposit characteristics
 - 2.1.3.1 - Symbol for the tensile strength of the weld deposit
 - 2.1.3.2 - Symbol for the notched bar impact strength of the weld deposit

3 - APPLICATION

- 3.1 - Part relating to the wire
- 3.1 - Part relating to the flux
- 3.3 - Part relating to the combination
- 3.4 - Example

4 - MARKING

APPENDIX 1 - Flux symbols