



**ISRAEL RAILWAYS LTD**

**INFRASTRUCTURE DIVISION**

**TRACK AND RIGHT OF WAY DEPARTMENT**

**Technical Specification  
for  
Manufacture and Supply  
of Clip No. 17**

**No. E-01-0035**

**March 2017**

1. **General**

This technical specification sets out the regulations pertaining to the quality of the material, manufacture and acceptance for clips No. 17

2. **Material**

The grade of the steel used shall be FE510/ (S355).

3. **Manufacture**

The clips shall be manufactured by cutting from a rolled section or made of forged steel.

4. **Drawing**

The clips drawing is attached to this specification. The manufacturer shall submit a manufacturing technical drawing based on this specification complete with dimensions, tolerances, markings, etc.

5. **Marks**

The clips shall be mechanically marked (such as punched) with at least the following marks:

- Product identification number, according to the drawing
- date of manufacture
- supplier mark

For easy identification the clip No. will also be painted with white oil paint.

6. **Acceptance**

Acceptance of clips shall be in accordance with UIC 864-6

7. **List Of Documents To Be Submitted With Proposal**

- 7.1 The manufacturer shall submit quality management system process for the clips manufacturing and rust protection in accordance with all the requirements in this technical specification based on ISO 9001:2008.
- 7.2 The manufacturer shall submit to ISR certificate that the metallic materials comply with the requirements in this technical specification.
- 7.3 The manufacturer shall submit all the manufacturing technical drawings.

8. **List of Documents to Be Submitted with Every Delivery**

Each delivery shall be received with manufacturer certificate that each component was manufactured according to the requirements of this technical specification and technical drawings submitted. Testing certificates of dimensions, strength, surface and structure shall be submitted, including rejected components and the reasons for rejection.

9. **Packing**

- 9.1 The manufacturer shall pack 50-75 clips in a strong sack.  
The sacks will be put in a wooden box.  
The gross weight of a wooden box shall not exceed 1 ton.  
The wooden boxes shall be tightened by metal bands, and shall be fastened to one another with plastic nylon. They shall be tied to wooden platform by plastic bands.  
The dimensions of the wooden boxes shall enable maximum effective storage capacity in containers.

It shall be possible to put at least 3 wooden boxes one on the other.

9.2 Each sack shall be labeled with the following details:

- number of units per sack;
- weight of each sack.

9.3 Each package of wooden boxes shall be labeled with the following details:

- component name and type;
- production batch numbers;
- date of manufacture;
- component barcode;
- component quantity in box;
- gross and net weight;
- manufacturer recognition numbers or names;
- ISR recognition numbers;
- ISR order number;
- Ordinal number on the packing list.

The labeling shall be with black letters and shall be on 3 spots on the package (one on top of the package and the two others on the sides).

