

Manufacturer-Related Product Qualification

for the Fabrication of Products for the Permanent Way

The Manufacturer

DENA Stahlbau GmbH & Co. KG
Siemensstrasse 10
49086 Osnabrück
Germany

is qualified for the fabrication stages used in the manufacture of:

**Insulated rail joints (manufactured off-site); fishplates (rolled);
fishplates (forged); fishplates (cast); height compensation plates (metal);
gauge tie bars; clamping plates (rolled); clamping plates (forged);
base plates (rolled); base plates (forged); base plates (cast); trough sleepers;
hollow sleepers for point locks (padded); steel bridge sleepers;
lateral resistance end plates; lateral resistance plates; check rails;
common crossings, heat-treated, fixed-nose (complete); common crossings,
bainitic steel, fixed-nose (complete); expansion joints; rail and switch anchors;
rail supports; switch blade supports (forged); switch blade supports (cast);
support plates; slide plates; slide base plates (forged); slide base plates (cast);
slide chairs (cast); check rail support plates (rolled); check rail support plates
(cast); switch rollers; machining of permanent way components;
production welding of permanent way components (except rails)**

in accordance with Deutsche Bahn standards

DBS 918 120, DBS 918 145-02, DBS 918 142 and DBS 918 145-01

at its premises in

Osnabrück.

Manufacturer's mark used:



or



The Qualification is based on:

- Application for Manufacturer-Related Product Qualification dated 5 March 2020
- Inspections conducted on 9 June 2020

This product qualification is not valid unless the conditions in inspection report FS.El.14 dated 11 June 2020 are met.

Qualification valid until: **31 July 2023**

Deutsche Bahn AG

Qualitätssicherung Beschaffung Infrastruktur (*Infrastructure Procurement Quality Assurance*)

Berlin, 20 August 2020



Thomas Müller



Klaus-Peter Dittmar