

# Manufacturer-Related Product Qualification (HPQ)

HPQ in accordance with DBS 918 005 [EXC3DB]

Technical specification for the construction of railway bridges and other engineering structures, in keeping with the scope of Guideline 804

The manufacturer:  
(party placing the products on the market)

**NEUERO Technology GmbH**  
Neuerostr. 1, 49324 Melle, Germany

and its manufacturing facility:  
(plant)

**AMB Anlagen- und Maschinenbau GmbH**  
Industriestraße 5a, 49824 Emlichheim, Germany

are qualified for single-item production of the following steel structures and components:

- 1.1 Steel superstructures including provisional bridges  
(on-site and off-site manufacturing), welding, mechanical joining and corrosion protection
- 1.2 Components for steel and concrete composite bridges
- 1.3 Composite bridges with concrete-encased steel members
- ! 2.1 Bridge bearings including restraining bearing
- ! 2.2 Special-purpose bridge bearings
- 2.3 Bridge deck transition structures in accordance with Guideline 804.5202
- 2.7.1 Standardised and complex support structures for provisional and railway bridges in accordance with Guideline 804.4110, Section 4 (4)
- 2.7.3 Stiffeners in accordance with Guideline 804.4110, Section 4 (5)
- 2.8 Control rod structures
- 2.12 Support structures for transfer tables, turntables, elevated tracks and plant, machinery and equipment subjected to rail traffic

Restrictions:

- The welding qualification (off-site manufacturing) for components is restricted to a mass of **52,00 t** per individual component. Upon presentation of a separate technological concept, the mass per individual component (for off-site manufacturing) can be increased to **84,00 t**.
- ! see above 2.1+2.2 Qualification to perform welding and corrosion protection work as part of maintenance, repair and/or installation work. Observe contractual and warranty requirements. Does not count as manufacturing qualification and/or approval within the meaning of the specified regulations.
- no further entries

Manufacturer's mark used: 00117\_DB-HPQ918005\_Neuero-G01-2021

This certificate confirms that compliance with the requirements of DBS 918 005 for the above-mentioned types of steel structures and components has been verified as part of this manufacturer-related product qualification (documentary check and site inspection).

Valid until: Repeat qualification for a limited period ending on 28 Januar 2021

Start: 28 Januar 2018

Validity period:  
For restriction see above!

A valid certification in accordance with DIN EN 1090-1 WPK (conformity of internal production control), welding certification in accordance with DIN EN 1090-1 Table B.1 for welding steel structures in accordance with DIN EN 1090-2 (EXC 3 or EXC4) is required for this qualification to be valid in keeping with DBS 918005 EXC3DB. This qualification is valid for as long as the provisions of DBS 918005 mentioned above in conjunction with DIN EN 1090, the manufacturing conditions and/or the internal production control system have not significantly changed (see page 2: General Provisions).

See reverse side of this certificate for general provisions

**Deutsche Bahn AG**  
Beschaffung Infrastruktur (Infrastructure Procurement)  
Qualitätssicherung (Quality assurance)

Berlin, 06 Januar 2018

Dittmar

Voigtländer

## General provisions:

1. Deutsche Bahn AG, Infrastructure Procurement, Quality Assurance, must be informed in due time if persons mentioned in this certificate who are responsible for the implementation of the HPQ requirements leave the company, or if the conditions for obtaining the HPQ have significantly changed. Deutsche Bahn AG, Infrastructure Procurement, Quality Assurance, can request a repeat inspection of welding operations to be carried out if necessary.
2. If doubts arise concerning the suitability of the manufacturer and/or if the quality requirements for the products are not met, Deutsche Bahn AG, Infrastructure Procurement, Quality Assurance, reserves the right to conduct unannounced site inspections at the manufacturer's expense at any time.
3. This certificate can be withdrawn, modified and/or restricted at any time with immediate effect and without compensation if the conditions under which the certificate was granted have changed or if the requirements are not met. In the event of a withdrawal, the manufacturer is obliged to immediately remove all issued HPQ certificates that are publicly available including any references to them.
4. If the HPQ is to be extended, the manufacturer must coordinate the dates and terms of the extension with Deutsche Bahn AG, Infrastructure Procurement, Quality Assurance, at least two months prior to the expiry of the validity of the HPQ or before the date of the next inspection.
5. After a recertification, significant changes to the certificates (e. g. vSAP), etc., the holder of the qualification in accordance with DBS 918005 EXC3DB must provide Deutsche Bahn AG with a proof of the validity of the certification (EN 1090-1 - internal production control and welding - EXC 3 or EXC4). The same applies if the persons responsible for implementing the HPQ requirements change.
6. Audit for compliance review: 28 Januar 2019 Observe Item 11 on the information sheet HPQ 918005.

A compliance review is carried out if, for example, the requirements change or there are delays in implementing the findings of the audit. If no changes have occurred and the manufacturing process has been continuously monitored, the manufacturer can request that the compliance review be skipped. Agreeing on a date to conduct the compliance review or skip the compliance review for a justified reason does not invalidate or limit the validity of the HPQ in accordance with DBS 918005 EXC3DB. If the validity changes as a result of the review, Deutsche Bahn AG, Infrastructure Procurement, Quality Assurance, will announce this on their website.

## Comments:

1. Processes presented by the manufacturer for HPQ:

|                                     |  |                                     |  |
|-------------------------------------|--|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Planning/sizing, design                                  | <input type="checkbox"/>            | Planning/sizing, design                                  |
| <input type="checkbox"/>            | First-stage processing (sawing, milling, drilling, etc.) | <input checked="" type="checkbox"/> | First-stage processing (sawing, milling, drilling, etc.) |
| <input type="checkbox"/>            | Welding  | <input checked="" type="checkbox"/> | Welding  |
| <input type="checkbox"/>            | Thermal treatment/flame straightening                    | <input checked="" type="checkbox"/> | Thermal treatment/flame straightening                    |
| <input type="checkbox"/>            | Non-destructive testing (NDT)                            | <input checked="" type="checkbox"/> | Non-destructive testing (NDT)                            |
| <input type="checkbox"/>            | Fasteners  | <input checked="" type="checkbox"/> | Fasteners  |
| <input type="checkbox"/>            | Corrosion protection                                     | <input checked="" type="checkbox"/> | Corrosion protection                                     |
| <input type="checkbox"/>            | Installation   | <input checked="" type="checkbox"/> | Installation   |

Comment: - / -

Comment: - / -

- Services provided based on a contract for work and services/a subcontractor agreement** (see DBS 918005, Item 5.3)  
Types of services: - / -

2. Person responsible for implementing the requirements of the HPQ:  
Andreas Bogdan, born on 03 September 1983

3. Deputies to the person responsible for implementing the requirements of the HPQ:  
Neuero: Ute Sommer-Ramin, born on 19 August 1963  
AMB : Bruno Fonseca, born on 20 Januar 1992

4. For the second stage of the HPQ, the holder of this certificate must provide the issuing body with the following documents relating to the next project within the scope of DBS 918 005/Guideline 804:

- Construction drawings for steel construction/assembly
- Steel construction plans
- NDT plan
- Welding schedule/welding sequence schedule
- Material distribution plan
- Construction drawings for corrosion protection
- QM plan