



# Manufacturer-related Product Qualification

MPQ 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)

**ArcelorMittal Belval & Differdange, Rue Emile Mark, LU 4503 Differdange Luxembourg**

and its manufacturing works:  
(plant)

**ArcelorMittal Belval & Differdange Steligence Fabrication Centre, Rue Pierre Gansen 12, LU 4570 Niedercorn Luxembourg**

are qualified for individual fabrication 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-concrete composite bridges**
- 1.3 Composite bridges with concrete-encased steel members**
- ! 2.1 Bridge bearings including restraining bearing**
- ! 2.2 Bearings for special bridges**
- 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)
- 2.7.4 Stiffeners** in accordance with Guideline 804.4110, Section 4 (5)
- 2.8 Control bar structures**
- 2.12 Support structures for transfer tables, turntables, elevated tracks and plant, machinery and equipment subjected to rail traffic**
- 2.16 Welded fastening of support points of the overhead line, of noise barrier posts and other welded steel structures on steel bridges**

Restrictions:

- The welding qualification (off-site manufacturing) for components is restricted to a mass of **25 t** per individual component.  
 An increase of the individual mass (off-site manufacturing) is possible up to **50 t** following submission of a separate technology concept.
- !** Qualification to perform welding and corrosion protection work as part of maintenance, repair and/or installation work. Observe contractual and warranty requirements.  
**see above 2.1+2.2** Does not count as manufacturing qualification and/or approval within the meaning of the specified regulations.
- to item 1.1 = fabrication of beams for provisional bridges in accordance with specification drawings DBAG

**Manufacturer's mark used: 00198\_DB-HPQ918005\_ArcelorDifferd-G10-2024**

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 05 October 2024

Start: 05 October 2021

Valid until:  
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)**  
**Quality assurance**

Berlin, 07 December 2021

i.V.

Müller

i.V.

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 MPQ requirements leave the company, or if the conditions for obtaining the MPQ 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, extended 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 case of a withdrawal, the manufacturer is obliged to immediately remove all issued MPQ certificates that are publicly available including any references to their ownership.
4. If the MPQ 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 MPQ 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, Infrastructure Procurement, Quality Assurance, 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 MPQ requirements change.
6. Audit for compliance review:

05 October 2022

Observe Item 11 on the information sheet MPQ 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 MPQ 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 MPQ:

### Own processes:

- Planning/sizing, design
- First-stage processing (sawing, milling, drilling, etc.)
- Welding
- Thermal treatment/flame straightening
- Non-destructive testing (NDT)
- Fasteners
- Corrosion protection
- Assembly

Comment: Planning/sizing, design as part of the internal technical/technical welding examinations

### Sub-contracted processes:

- Planning/sizing, design
- First-stage processing (sawing, milling, drilling, etc.)
- Welding
- Thermal treatment/flame straightening
- Non-destructive testing (NDT)
- Fasteners
- Corrosion protection
- Assembly

Comment: None

- Services provided based on a contract for work and services/a subcontractor agreement** (see DBS 918005, Item 5.3)  
Types of services: with a qualified manufacturer in accordance with DBS 918005 following approval by the Client (DB AG)

2. Person responsible for implementing the requirements of the MPQ:  
Mr Dr.-Ing. Dennis Rademacher, born 13 August 1978

3. Representative of the person responsible for implementing the requirements of the MPQ:  
Mr Romain Bieber, born 09 December 1965

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