



Information Sheet

Manufacturer-Related Product Qualification for Permanent Way Components

(According to list of permanent way products subject to quality inspection)

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Deutsche Bahn AG, Beschaffung Infrastruktur, Qualitätssicherung, Caroline-Michaelis-Straße 5-11, 10115 Berlin
Informationsblatt Herstellerbezogene Produktqualifikation Oberbaukomponenten

[Deutsche Bahn AG, Infrastructure Procurement, Quality Assurance, Caroline-Michaelis-Strasse 5-11, 10115 Berlin, Germany](#)
[Information sheet for manufacturer-related product qualification for permanent way components](#)

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Created	Checked	Approved

1. Table of contents and appendices

	Page	
2.	List of abbreviations	3
3.	Foreword	4
4.	Purpose and objective	4
5.	Application for MPQ via the Deutsche Bahn AG supplier portal	4
6.	Requirements, restrictions, changes, discontinuation, withdrawal of MPQ	5
6.1	Requirements	5
6.2	Restrictions and changes	5
6.3	Discontinuation of MPQ	5
6.4	Removal of MPQ	5
7.	Process and deadlines for MPQ	7
8.	Scheduling	8
9.	MPQ elements	10
9.1	Process audit	10
9.2	Product test	10
9.3	Component test	10
9.4	Initial inspection/first article inspection/qualification test	10
10.	Certificate	10
11.	Scope	10
12.	Validity period	11
13.	Review of requirements	11
14.	Costs	11
14.1	MPQ costing	12
14.2	Factors influencing incurred costs	13
14.3	Cost optimisation by the Deutsche Bahn AG Quality Assurance Dept.	13
15.	Document audit and field test	13
16.	Product tests	13
16.1	Purpose and objective	13
16.2	Approval as welding shop as per Guideline 826.2050	14
16.3	Approval as NDT testing centre	14
16.4	Internal production control and quality requirements	14
16.5	Declaration of conformity	15
17.	Appendix A Deutsche Bahn Standards	16
18.	Appendix B MPQ checklists	17
19.	Appendix C Ordering addresses for other applicable regulations	18
20.	Appendix D Sample MPQ certificate	19

2. List of abbreviations

Adb	Order data sheet
AT	Working day
AV	Order management
DB AG	Deutsche Bahn AG
DBS	Deutsche Bahn standards
DIN	Deutsches Institut für Normung (German Institute for Standardisation)
EBA	Federal Railway Authority
EN	European standards
MPQ	Manufacturer-related product qualification
ISO	International Organisation for Standardisation
LgP	List of products subject to quality inspection
OPI	Quality test engineer
QM	Quality management
QS	Quality Assurance
Ril	Guideline
RO	Permanent way guidelines
RÜ	Regular inspection
SVP	Sleeper tie plates
TAN	Transaction number
TM	Technical bulletin
UAN	Subcontractor
UIC	(French) Union International des Chemins de Fer (International Union of Railways)
WPK	Internal production control
NDT	Non-destructive testing

3. Foreword

This Regulation forms the basis of the MPQ for Deutsche Bahn AG by the Infrastructure Products Quality Assurance Dept. for permanent way components.

4. Purpose and objective

The MPQ is required as part of the Deutsche Bahn AG quality policy in railway-specific technical regulations such as DBS, UIC, Guideline, list of permanent way products subject to quality inspection and other provisions.

The MPQ qualifies the manufacturer to produce the respective products.

The design and production rules are set out in various DBS (see under 17. Appendix A), Guidelines, DB standard drawings and other standards and regulations marked by cross-references.

This manufacturer-related product qualification aims to ensure that only manufacturers supply products to DB AG (directly or indirectly) that can guarantee DB AG's high requirements for safety, reliability and process capability.

5. Application for MPQ via the Deutsche Bahn AG supplier portal

Responsible body for the MPQ:

Deutsche Bahn AG
Beschaffung Infrastruktur (*Infrastructure Procurement*)
Quality Assurance
Caroline-Michaelis-Strasse 5-11,
10115 Berlin, Germany

The MPQ is applied for via the MPQ order data sheet provided in the DB AG supplier portal.
http://www.deutschebahn.com/de/geschaefte/lieferantenportal/lieferantenmanagement/qualitaetssicherung_ues/

The applicant fills out the MPQ order data sheet and clicks the 'Send' button in the document. The applicant's e-mail program then generates an e-mail that is ready to send to:

gs-posteingang@deutschebahn.com

After sending the e-mail, the applicant receives an acknowledgement of receipt via e-mail with a TAN number assigned to the order.

The responsible test engineer from DB AG Quality Assurance then draws up a quotation. After accepting the order and confirming the costs will be assumed, the MPQ implementation starts.

All documents and supplementary information shall be e-mailed to

gs-posteingang@deutschebahn.com.

Important!

The subject line should include as a reference the 'TANxxxxxx' number assigned to you. In this way, all the information will be clearly assigned to the application you submitted for the MPQ.

The transferred documents or the documents to be submitted during the qualification process shall be submitted in digital format in German or in two languages (German and national language).

The audit language is German.

The applicant shall send the documents below as files.

- Certificates (ISO 9001, etc.)
- Approvals and releases
- Documents as per item 15

Possible qualifications as per DBS can be found in Appendix A to the information sheet.

6. Requirements, restrictions, discontinuation, withdrawal of MPQ

6.1 Requirements

- Completeness and legibility of the application documents
- Qualified processes available on the manufacturer's premises
- HR and technical requirements fulfilled by the manufacturer and documented process descriptions, implementation and work instructions, etc.
- Completely filled out checklists for the MPQ
- Completeness of signatures on application documents and commissioning implementation of MPQ following manufacturer's consent to the quotation

6.2 Restrictions and changes

- Withdrawal or change of the person(s) nominated to perform the tasks to implement the MPQ requirements as well as changes of key pre-construction information to achieve the MPQ shall be notified in good time to Deutsche Bahn AG, Infrastructure Products Quality Assurance. This may/will cause a renewed chargeable audit where applicable.
- In the case of a change of owner.
- The MPQ owner shall notify any changes. The re-registration of the MPQ certificate shall be audited and, if necessary, the MPQ holder shall apply for such re-registration.

6.3 Discontinuation of MPQ

- If doubts arise regarding the manufacturer's quality capability during the MPQ process or the QM documentation is implemented inadequately, the MPQ process may be interrupted or discontinued. The applicant shall reimburse any expenditure incurred thus far by Deutsche Bahn AG Quality Assurance (see declaration of cost assumption in the application).
- Inadequate preparation of the field test by the applicant including the process descriptions, documents and records to be submitted for the field test.
- Lack of cooperation on the part of the applicant during the preparation and implementation of the MPQ process.

6.4 Removal of MPQ

- This qualification can be withdrawn, extended or restricted at any time with immediate effect and without compensation if the conditions under which the qualification was granted have changed or if the provisions of this certificate are not met.
- In case of a withdrawal of the MPQ, the manufacturer is obliged to immediately remove all publicly issued valid MPQ certificates including any references to their ownership. (The foregoing shall also apply to homepages).
- Should doubts arise regarding the manufacturer's suitability, and/or the manufacturer (MPQ holder) does not fulfil quality requirements for the project/the products as per the requirements, Deutsche Bahn AG, Infrastructure Products Quality Assurance, reserves the right to carry out at any time unannounced chargeable audits or may remove the qualification in the validity period.

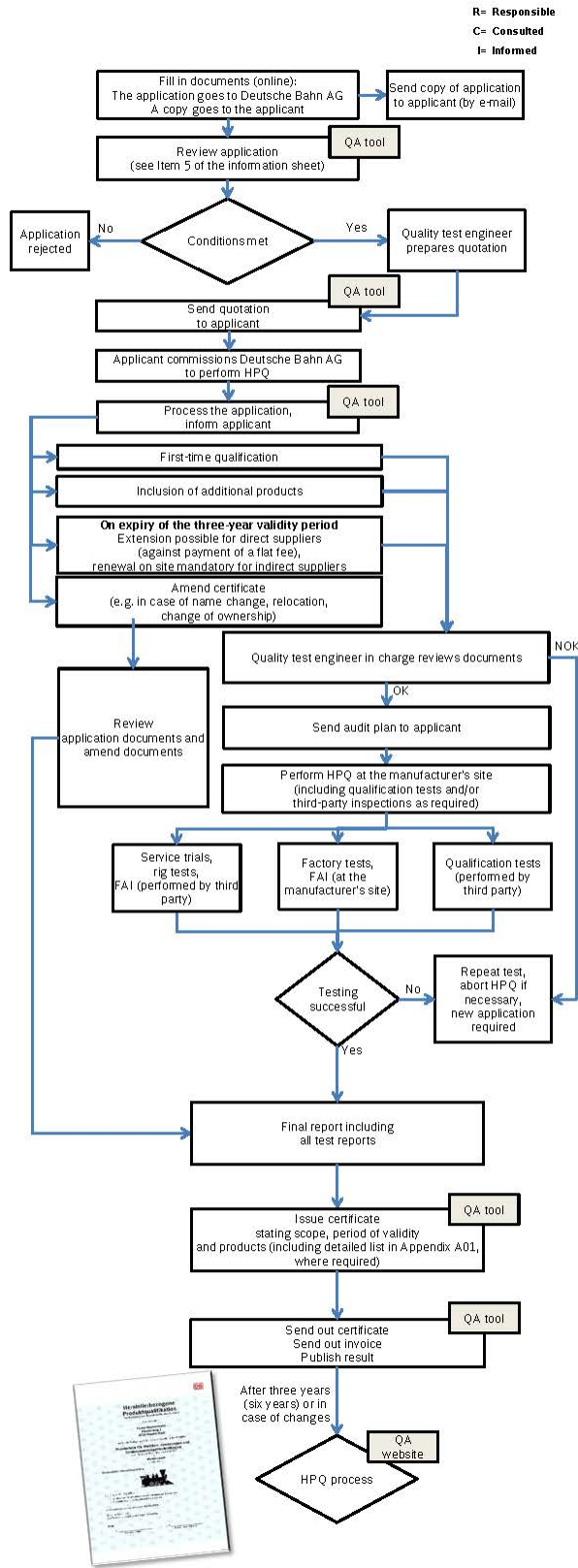
- If the manufacturer violates important conditions of this qualification or fails to cooperate during the validity for the purposes of this qualification, the qualification may be removed in the validity period.
- This also applies to any downstream production that is part of the MPQ, such as coatings or machining. As such, the applicant is fully responsible for the downstream processes in this case.

7. Process and deadlines for MPQ

ANNEX 6

HPQ FLOWCHART

Responsibility/activity



Applicant	DB AG QA	Comments
R	C	For application documents see information sheet
I	R	
I	R	
I	R	
R	C	
I	R	
R	C	
R	C	
R	C	
C	R	
C	R	
R	C	
I/R/C	I/R/C	Involvement of third-party laboratories, where required
C	R	If the service trial fails or the HPQ is aborted, all costs incurred up to that point shall be borne by the applicant (see information sheet).
C	R	
I	R	
I	R	
C	I	

HPQ flowchart

V7

April 2020

8. Scheduling

The overview provides guidance. The start of processing of the application documents by Deutsche Bahn AG, Infrastructure Products Quality Assurance, is geared to the receipt of the complete, auditable application documents. The processing deadlines may be reduced or extended for extraordinary and/or justified cause. The applicant shall not be entitled to compliance with the specified deadlines.

Work step (e.g.)	Processing times/activities	
	Applicant	QA DB AG
Fill out MPQ order data sheet from the supplier portal and send to DB AG Quality Assurance	at least 2 months before expiry of an existing MPQ	
Send acknowledgement of receipt with TAN number to applicant		Immediately after application receipt
Put together quotation and send to the applicant		10 working days after receipt of order data sheet
Send quotation confirmation with cost assumption declaration to DB AG Quality Assurance	10 working days after receipt of quotation	
Check application documents for completeness, notify applicant		15 working days after receipt of cost assumption declaration
Post-processing/supplementing of application documents	15 working days after DB AG QA notifies the applicant	
Receipt of complete application documents, start of document check and preparation of field test		15 working days after receipt of subsequently filed documents
Field test for each production location (Outward and return journeys or interim periods not included)		1 – 2 working days
Completion of field test for each production location, prepare MPQ certificates + billing, reporting of results (subject to external test results as per DBS)		10 working days after completion of field test
Send the MPQ certificates and invoices to applicant, publication on the internet.		15 working days after conclusion of field test
Notification by the applicant that findings from the field test have been processed	3 months after the date of the field test	

Notification to DB AG QA of changes regarding pre-construction information for the conducted MPQ process	Immediately (within max. 5 working days)	
Notification/deadline coordination for regular inspection, extension or renewal of the MPQ to/with DB AG QA	2 months (before expiry of deadline or validity of MPQ)	
Removal of MPQ certificates in the case of withdrawal/return or removal of the MPQ and all publicly issued valid certificates and references to their ownership by MPQ holder.	Immediately after announcement (after withdrawal/return or removal of MPQ)	

9. MPQ elements

9.1 Process audit (main element of qualification)

- Review of implementation of requirements of the DBS as amended from time to time in the manufacturer's QMS (on-site at the production site) in accordance with the desired scope, and corresponding HR and material resources.

9.2 Product test (if necessary, marking for the external test/affix stamp)

- Substance quality check of production documents (QA scheduling, workshop scheduling)
- Analysis of existing test documents/qualifications tests/external tests

9.3 Component test, operating tests, if required. (see note re. item 8)

- The requirements for the specified elements are based on the additional requirements of various permanent way guidelines and the DBS as amended from time to time.
- Individual elements are processed, analysed and combined to produce a final result on the basis of Checklist B 001 Permanent way components (general) and the specific checklists as amended from time to time.

9.4 First article inspection/qualification test

- The tests shall be conducted in accordance with the specifications of the DBS, Guidelines, UIC standards, drawings or other DB regulations as amended from time to time.
- Transfer of relevant results to the certificate (Checklist B A01 Products).

10. Certificate

The manufacturer receives a certificate in the event of a passed MPQ (see Appendix D) with scope and validity period of the MPQ and corresponding products. The certificate can be ordered in other languages as a chargeable option using the MPQ order data sheet.

Each manufacturer's MPQ status is published in the DB AG supplier portal.

➔ Deutsche Bahn AG supplier portal

https://www.deutschebahn.com/resource/blob/1172824/fc03b1c20c95c1a95ef3fc7ec7a24aa/Qualitaetsbewertete_Lieferanten-data.html

(Open only with Mozilla Firefox, Google Chrome or Edge)

11. Scope

The scope relates to the verified products and processes.

At the manufacturer's request, the scope of the MPQ can be extended or changed if the requirements for the manufacturer-related product qualification still apply. Necessary measures shall be stipulated on a case-by-case basis.

12. Validity period

The MPQ is valid for three years. An MPQ can be extended once for another three years if the manufacturer is a direct supplier of Deutsche Bahn AG. Afterwards a new qualification shall be performed. Requirements can be reviewed during the validity period (special audit). During the validity period, the respective customers perform the appropriate number of regular inspections as per the valid list of permanent way products subject to quality inspection.

The requirements are reviewed if, for instance, requirements have changed.

In the case of a change of owner an existing qualification may be transferred to another company providing a corresponding application has been submitted. The content and the conditions that led to the qualification shall not have changed for the transfer to take place.

13. Review of requirements

Requirements are reviewed based on the following principles:

As part of the first-time qualification for the manufacturer-related product qualification, a repeat audit is envisaged after three years. If Deutsche Bahn AG carries out regular inspections within this period (only with direct contracting parties) and if the prerequisites for the MPQ have not changed, a one-time extension for another three years can be made.

If the manufacturer is not subject to direct regular inspections by Deutsche Bahn AG, but to those of another contracting party, an extension is not possible after three years, but a renewed MPQ is required at the production site.

For special circumstances, the requirements may be reviewed at the request of the MPQ holder or at the request of Deutsche Bahn AG, Infrastructure Products Quality Assurance. The MPQ holder shall bear any costs, following quotation by Deutsche Bahn AG, Infrastructure Products Quality Assurance.

If the prerequisites for the MPQ have changed during the validity, these shall be restored by reviewing the requirements, if necessary through a new MPQ process. The MPQ holder shall notify any changes in timely fashion. The MPQ holder shall bear any costs of reviewing the requirements, etc.

14. Costs

The applicant itself shall bear any costs of tests in external testing laboratories, even if these are required in the other applicable regulations.

Where the quotation is not accepted due to failure to meet prerequisites and/or documents that have not been submitted, the manufacturer shall reimburse the Deutsche Bahn AG Quality Assurance Dept. any expenses incurred thus far.

Costs are made up of the expenses for preparing, implementing and post-processing the MPQ. These include organisational work, the time/effort spent on testing by the quality test engineer and possible specialist auditors, as well as travel expenses.

These also include the costs for drafting the certificate and publishing the MPQ status.

14.1 MPQ costing

Costs of Deutsche Bahn AG, Infrastructure Products Quality Assurance (as of 05/2020)

	Hourly rate	Flat rate
Preparation of field test/MPQ, drafting or having someone draft documents, verification of documentation, process planning, coordination with authorities, organisational units, etc...	EUR 104.80	-
Travel time outward journey	EUR 104.80	-
Performance of field test/MPQ Review of implementation of the regulation requirements in the manufacturer's QMS, the relevant HR and material resources, in accordance with the scope desired by you.	EUR 104.80	-
Travel time return journey	EUR 104.80	-
Field test/MPQ follow-up Drafting or having someone draft reports, documents, supporting documentation, etc.	EUR 104.80	-
Order management/issue of MPQ certificate (German)	-	EUR 366.80
Additional issue of certificate (foreign language 1)	-	EUR 217.20
Additional issue of certificate (foreign language 2)	-	EUR 217.20
Order management/qualification renewal without audit (flat rate)	-	EUR 366.80
Travel expenses auditor/co-auditor**		
- Number of days of travel outward + return journey		
- Number of interim days on-site		
- Number of overnight stays (flat rate)		
- Overnight stay with receipt		
Other costs		
- Transfer		
- Flight		
- Parking		
- Hire car		
- Visa		

** Length of absence 24 hours per calendar day and country as per tax law

Outward/return journey + MPQ Germany 2-3 days, with 10 h/d	approx. EUR 2000-3000	
Outward/rtn jny + MPQ outside Germany 3-4 days, with 10 h/d	approx. EUR 3000-4000	
Preparation/report approx. 3 h	approx. EUR 300	
Order management Berlin, flat rate	EUR 366.80	
Travel expenses (flight, hotel, daily allowance)	Dependent on journey*	

* as per Deutsche Bahn AG travel expenses guidelines

14.2 Cost optimisation by the manufacturer

- High-quality preparation of MPQ (such as completed checklists, good audit organisation)
- Timely provisioning of products for testing
- Direct assumption of hotel/transfer costs (except flight)
In accordance with Deutsche Bahn AG compliance guideline

14.3 Cost optimisation by Deutsche Bahn AG Quality Assurance Dept.

- Optimisation/combination with other company visits (if possible)
- Selection of the cheapest means of transport taking into account working time allowed under labour law

15. Document audit and field test

The documents below shall be submitted for the MPQ audit:

- Organisational structure, organisational chart, responsibilities
- Manufacturer qualifications, certificates, prequalifications, and similar
- Overview of personnel qualifications - welding, NDT, corrosion control
- Documented provisions regarding order processing, preparation, production, control, acceptance, quality assurance, documentation and supply, etc. for DBAG or its suppliers
- Documented provisions Technical Board/Design (design test, material ordering, goods received, marking, traceability, etc.)
- Details on organisation and content of internal production control, if necessary welding schedule (sample), overview of existing process tests
- If necessary, documented provisions regarding welding production (off-site production)
- Documented provisions regarding NDT

16. Product tests

16.1. Purpose and objective

As part of the MPQ, product tests are also performed which are described in accordance with the specifications in the DBS as amended from time to time. These tests shall be agreed beforehand between the manufacturer and Quality Assurance.

New-part tests may also be required as part of an existing MPQ. The manufacturer shall be responsible for conducting these in-house or in an external, accredited testing laboratory. For this purpose, coordination with DB AG QA is required beforehand. If a manufacturer has already manufactured similar products, the quality test engineer shall be responsible for deciding whether Deutsche Bahn AG, Infrastructure Products Quality Assurance accompanies these tests or not.*

**Example: If a foundry already manufactures various types of baseplates, under certain circumstances there may be no need for the quality test engineer to be present during the new-part test (including first article inspection). If, however, new products (flat fish-plates) or similar yet more complicated parts are cast (support block plates, slide baseplates), the quality test engineer may need to be present. This shall, however, be notified and the test results submitted or sent upon completion of the report.*

In the case of new types of rail clamp, large turnout components or other products where specific regulations exist in the DBS as amended from time to time, these always have priority.

All applications and forms are annexed to this information sheet.

16.2 Approval as welding shop as per Guideline 826.2050 (applies only to welding rail materials)

If approval as a welding shop is required for the MPQ, this requires corresponding approval from

the DB Netz AG Welding Dept.

This shall be applied for here:

DB Netz AG
Technical Dept. and Track Facility Management
DB Netz AG, I.NPF 121(S)
Permanent Way Welding Technical Consultant
Lindemannallee 3, Neubau, 02-D-20
30173 Hanover, Germany
E-mail: nils.jendrichowski@deutschebahn.com

Nils Jendrichowski
Tel.: +49 (0)511 286 49322
Mobile: +49 (0)160 97445710

16.3 Approval as NDT testing centre (applies to switch plants, if necessary rail welding shops)

The application for approval as NDT testing centre shall be sent to:

DB Netz AG
Technical Dept. and Track Facility Management
Technical Dept. and Rail Maintenance Management
(I.NPF 11(S))
Head of Rail Technology
Theodor Heuss Allee 7,
60486 Frankfurt am Main, Germany
E-mail: juergen.ju.reinhardt@deutschebahn.com

Jürgen Reinhardt
Tel.: +49 (0)69 265-31494
Mobile: +49 (0)160 97424274

16.4 Internal production control and quality requirements

The company shall provide documentary evidence of the following:

- An internal production control system
- Fulfilment of quality requirements as per DIN EN ISO 9001 through corresponding process descriptions and their application and implementation
- Existence of the DBS as amended from time to time in the national language and as an original
- Required DB drawings and/or valid plant drawings with corresponding references to the DB drawings**

** Note: Reference to the DB drawing as amended from time to time with the corresponding index is required on the plant drawings.

16.5. Certificate of conformity

In the case of direct deliveries to Deutsche Bahn AG, the manufacturer may dispense with supplying a 3.1 certificate as per EN 10204 if the product, the packaging and/or the delivery documents are marked as per TM RO-05-2004 with an U-EBA mark as declaration of conformity.

Sample: →

The 3.1 certificates can be supplied afterwards free of charge at the client's request.



In the case of ballast, the delivery shall be marked as per EN 13 450 with a CE mark.

CE	
01234	
Any Co Ltd, P.O. Box 21, B-1050	
02	
0123-CPD-0456	
EN 13450	
Gesteinskörnungen für Gleisschotter	
Konform	Kategorie (z. B. F ₁₅)
Korngröße	Bezeichnung (μ & D) & Kategorie (z. B., B)
Rohdichte	Sollwert (Mg/m ³)
Widerstand gegen Zertrümmerung	Kategorie (z. B., LA ₁₀ 10)
Abriebwiderstand	Kategorie (z. B., M ₀ RB 5)
Reinheit	Kategorie (z. B., B)
Freisetzung gefährlicher Substanzen	z. B. Substanz X: 0,2 μm ³
Frost-Tau-Wechsel-Beständigkeit	Sollwert (F oder MS)
Verwitterungsbeständigkeit	Sollwert (SB)

CE-Konformitätskennzeichnung, bestehend aus dem in der Richtlinie 93168/EWG angegebenen ‚CE‘-Symbol

Kennnummer der Zertifizierungsstelle

Name oder Kennzeichen und eingetragene Anschrift des Herstellers

die letzten beiden Ziffern des Jahres, in dem das Kennzeichen angebracht wurde

Nummer des EU-Zertifikats

Nummer der Europäischen Norm

Beschreibung des Produktes und Angaben zum Produkt und den Vorschriften unterliegenden Merkmalen

Bild ZA.1 - Beispiel für die Angaben zur CE-Kennzeichnung von Gesteinskörnungen für Gleisschotter nach System 2+

17. Appendix A Deutsche Bahn standards

List of DBS for permanent way components

DBS 918 006	Spring washers made of steel for railways
DBS 918 024	Steel bolts for use in permanent way
DBS 918 025	Rolled permanent way components
DBS 918 061	Track ballast
DBS 918 062	Grain mixtures for base and protective layers
DBS 918 071-01	Ballast mats to reduce ballast load
DBS 918 120	Switches, crossings, expansion joints and rail slippers
DBS 918 122	Reforging switch blade profiles and transition rail sections
DBS 918 125	Forged permanent way components
DBS 918 126	Cast permanent way components
DBS 918 127	Rail fastenings made of spring steel
DBS 918 141	Common crossings for switches and crossings made of bainitic grade steel
DBS 918 142	Common crossings for switches and crossings
DBS 918 143	Track sleepers and bearers made of concrete for ballasted track and slab track
DBS 918 144	Unimpregnated timber sleepers
DBS 918 145-01	Padded sleepers, sleeper pads
DBS 918 145-02	Padded sleepers, track sleepers and bearers with sleeper pads
DBS 918 146	Reconditioned concrete sleepers
DBS 918 147	Sorting and reconditioning of timber sleepers
DBS 918 235	Elastic rail pads and sandwich plates for rail fastening systems
DBS 918 248-1	Aluminothermic welding portions for fusion welding of rails
DBS 918 254-1	Rails; Part 1: Vignole rails from 46 kg/m
DBS 918 254-2	Rails for switches and crossings, Part 2
DBS 918 254-3	Rails; Part 3: Check rails
DBS 918 255-1	Flash welded rails with stationary machinery, new and reconditioned
DBS 918 256	Insulated rail joints
DBS 918 280	Plastic components used in permanent way construction

To be sourced through Deutsche Bahn AG Permanent Way Purchasing Dept. or the Quality Assurance Dept.

18. Appendix B Checklists (German/English)

Checklist A	Permanent way (general)
Checklist A+B 143	Track sleepers and bearers made of concrete
Checklist A+B 146	Reconditioned sleepers made of concrete (only in German)
Checklist B 006	Spring washers
Checklist B 024	Steel bolts for use in permanent way
Checklist B 025	Rolled permanent way components
Checklist B 061	Track ballast (only in German)
Checklist B 122	Switch rail reforging
Checklist B 125	Forging
Checklist B 126	Casting
Checklist B 127	Rail fastenings made of spring steel
Checklist B 145	Sleepers and sleeper tie plates with padding (incl. 145-2)
Checklist B 248	Aluminothermic welding portions
Checklist B 254	Rails (incl. 254-1, 254-2 and 254-3)
Checklist B 255	Production of rails in welding shop
Checklist B 256	Insulated rail joints
Checklist B 826	Welds in the permanent way
Checklist B H01	Timber sleepers (incl. 144, 147) (only in German)
Checklist B K01	Plastic parts in the permanent way (incl. 071, 145-1, 235 and 280)
Checklist B M01	Machining
Checklist B S01	Steel and cast iron sleepers
Checklist B W01	Switches (incl. 120, 141, 142)
Checklist B A01	Products (appendix to the certificate)
Checklist B A02	Product test

Comment:

The checklist designation results from the DBS number.

*[Example: DBS 918 **024** → associated checklist Checklist A and B **024***

*DBS 918 **071-1** → Checklist B K01 incl. **071**]*

19. Appendix C Ordering addresses for other applicable regulations

DBS as per listing

- through responsible Purchasing Depts or Quality Assurance

Deutsche Bahn AG
Beschaffung Infrastruktur (*Infrastructure Procurement*)
Caroline-Michaelis-Strasse 5-11,
10115 Berlin, Germany
qsb-lieferantenmanagement@deutschebahn.com

DB Guidelines or other DB regulations

- DB Kommunikationstechnik GmbH
Media and communication services
Kriegsstrasse 136
76133 Karlsruhe, Germany
Tel. +49 (0)721 938-1451
red.gesch.mitteilungen@deutschebahn.com

DB drawings

- DB Netz AG

Technische Mitteilungen Fahrweg
Technical Information Track
<https://mediendienste.extranet.deutschebahn.com/TM/>

Zeichnungsdatenbanken für Gleis und Weiche - Vorbemerkungen (Bestellungen)/
Drawing Database for Track and Turnout/Switches - remarks (Order)
https://mediendienste.extranet.deutschebahn.com/TM/PDF/Vorbemerkungen%20Zeichnungsverzeichnis_I.NPF%20121.pdf

Zeichnungsdatenbanken für Gleis und Weiche - Vorbemerkungen (Bestellungen)/
Drawing-Database for Track and Turnout/Switches - remarks (Order)
https://mediendienste.extranet.deutschebahn.com/TM/PDF/Vorbemerkungen%20Zeichnungsverzeichnis_I.NAI%20412.pdf

Zeichnungsverzeichnis Gleise/
Drawing-Database for Tracks
https://mediendienste.extranet.deutschebahn.com/TM/PDF/Aktuelle-Zeichnungsverzeichnis%20Gleise_I.NAI%20412.pdf

Zeichnungsverzeichnis Weiche UIC 60/
Drawing-Database for Turnout/Switch UIC 60
https://mediendienste.extranet.deutschebahn.com/TM/PDF/Zeichnungsverzeichnis%20Weiche%2060_I.NAI%20412.pdf

Zeichnungsverzeichnis Weiche S 54/
Drawing-Database for Turnout/Switch S 54
https://mediendienste.extranet.deutschebahn.com/TM/PDF/Zeichnungsverzeichnis%20Weiche%2054_I.NAI%20412.pdf

Verzeichnis der Zeichnungen für Weichen, Kreuzungen und Schienenauszüge der
Schienenform S 49/
Drawing-Database for Turnout/Switches, Crossings and Railconstructions S 49



20. Appendix D Sample Certificate

Manufacturer- Related Product Qualification

for the Manufacture of Products for *the Permanent Way Components*

The Manufacturer

AnyCompany

AnyStreet

00000 AnyTown

AnyCountry

is qualified for the manufacture of

Sample parts

as per production process

Casting/forging/rolling... in accordance with DBS 918 XXX

*including coating/machining***

** if required

Manufacturer's marks used

Sample

The Qualification is based on:

- Application for extension of the manufacturer-related product qualification dated DD.MM.YYYY
- Product list "Products subject to quality inspection**depending on product.* ", issued DD.MM.YYYY
- Qualification record for test facilities and employees
- Results of the internal production control **further pre-construction information if required**

Restrictions:

- None

Annex B A01 is part of the valid MPQ (HPQ)

Period of validity of the qualification: **DD.MM.YYYY**

Deutsche Bahn AG

Qualitätssicherung Beschaffung Infrastruktur
(Infrastructure Procurement Quality Assurance)

Berlin, DD.MM.YYYY

