

Maintenance Function Certificate

IT/32/0118/0577

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

1. CERTIFIED ORGANIZATION

Legal title:	KNORR BREMSE SFS GMBH (KB)	
Complete postal address:	Moosacher Strasse 80, 80809 Munich, Germany (DE)	
Registration business number: HRB 91181	VAT No: DE129395680	

2. CERTIFICATION BODY

Legal title:	Bureau Veritas Italia S.p.A.
Complete postal address:	Viale Monza, n.347, 20126 Milano, Italia (IT)
Certification body reference number:	EIN IT/30/0118/0002

3. CERTIFICATE INFORMATION

This is a	<input type="checkbox"/> - new certificate	ECM Certification Number of the previous certificate: IT/32/0118/0553
	<input type="checkbox"/> - renewed certificate	
	<input checked="" type="checkbox"/> - updated/amended certificate	
Validity from: 2018 December 19th		to: 2021 September 18th
Type of company: maintenance supplier		

4. SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

5. MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

6. ADDITIONAL INFORMATION

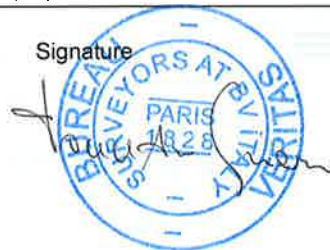
This is a Multi-Site Certificate based on the Initial Report 16/OR051/BVD.ECMGE_AS01 V1.8
The validity is dependent on the positive result of the annual inspections documented with the related reports
The details of the single site certifications are contained in the related annexes (11)

First issue date: 2016 September 19th
Current issue date: 2018 December 19th
Expiration date: 2021 September 18th

Internal reference No:

IT/32/0118/0577

Signature



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BUREAU VERITAS ITALIA
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Maintenance Function Certificate

IT/32/0118/0577 – Annex 1

Confirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	1 - Knorr-Bremse SfS GmbH (KB), Berlin
Complete postal address:	Georg-Knorr-Strasse 4, 12681 Berlin, Germany (DE)
Registration business No: HRB 91181	VAT No: DE129395680

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th	to: 2021 September 18th	
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:

Distributor Valves KE, Distributors Valves OKE, Relay Valves, Weighing Valves, Anti Skid Valves, Angle Cocks, Pneumatic Valves and Units, Indicators, Air Suspensions, OKE Products, Block Brake Units, Slack Adjusters, Actuating Cylinders

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577.

The KB Berlin ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate

First issue date: 2016 September 19th

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 1

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Georg-Knorr-Strasse 4, 12681 Berlin, Germany (DE)
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 2

Confirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	2 - Knorr-Bremse Nordic Rail Services AB (KBNRS)	
Complete postal address:	Traktrovagen 8, SE-226 60 Lund, Sweden (SE)	
Registration business No: 556035-3335	VAT No: SE556035333501	

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th		to: 2021 September 18th
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:

Distributor Valves KE, Distributors Valves OKE, Relay Valves, Weighing Valves, Anti Skid Valves, Angle Cocks, Pneumatic Valves and Units, Indicators, Air Suspensions, OKE Products, Block Brake Units, Actuating Cylinders

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBNRS ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate

First issue date: 2016 September 19th
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Maintenance Function Certificate

IT/32/0118/0577 – Annex 2

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Traktrovagen 8, SE-226 60 Lund,
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Sweden (SE)

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 3

Confirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	3 - Knorr-Bremse Rail Systems Italia S.r.l. (KBRSI)	
Complete postal address:	Via San Quirico, 199, 50013 Campi Bisenzio, Firenze, Italy (IT)	
Registration business No: 421907	VAT No: 04145160489	

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th		to: 2021 September 18th
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:
Distributor Valves KE, Distributors Valves OKE, Relay Valves, Weighing Valves, Angle Cocks, Pneumatic Valves and Units, Indicators, OKE Products, Block Brake Units, Slack Adjusters, Actuating Cylinders, Air Supply Units, Driver Brakes Valves, ATP Devices, Brake Control Units.

Maintenance of the following door system parts:
Sliding Doors, Plug Doors, Cab Doors, Internal Doors.

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBRSI ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 3

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Via San Quirico, 199, 50013 Campi Bisenzio, Firenze, Italy (IT)
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 4

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	4 - Knorr-Bremse GmbH Austria (KBA)
Complete postal address:	Beethovengasse 43-45, A-2340 Mödling, Austria (AT)
Registration business No: FN 38565p	VAT No: ATU 19269100

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th	to: 2021 September 18th	
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:
Relay Valves, Anti Skid Valves, Angle Cocks, Pneumatic Valves and Units, Air Suspensions

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBA ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th
Current issue date: 2018 December 19th
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Maintenance Function Certificate

IT/32/0118/0577 – Annex 4

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Beethovengasse 43-45, A-2340
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Mödling, Austria (AT)

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 5

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	5 - Knorr-Bremse Rail Systems UK Ltd. (KBRS)
Complete postal address:	Westinghouse Way, Hampton Park East, Melksham, SN12 6TL, United Kingdom (GB)
Registration business No: 3974921	VAT No: GB752952412

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th	to: 2021 September 18th	
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:

Relay Valves, Weighing Valves, Anti Skid Valves, Westinghouse Valves, Magnet Valves, Angle Cocks, Pneumatic Valves and Units, Indicators, Brake Caliper Units WZK / RZS, Dehousse Brake Cylinders

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBRSI ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 5

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Westinghouse Way, Hampton Park
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	East, Melksham, SN12 6TL, United Kingdom (GB)

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 6

AConfirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	6 - Knorr-Bremse Rail Systems Schweiz AG (KBRS CH)	
Complete postal address:	Mandachstrasse 50, 8155, Niederhasli, Switzerland (CH)	
Registration business No: CH 020.3.919.037-1	VAT No: CHE-106.539.835	

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th		to: 2021 September 18th
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:

Distributor Valves KE, Distributor Valves OKE, Relay Valves, Weighing Valves, Angle Cocks, Derailment Detectors, Actuating Cylinders, Slack Adjusters

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBRS CH ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th
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Expiration date: 2021 September 18th

Internal reference No:

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Maintenance Function Certificate

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Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Mandachstrasse 50, 8155,
Mobile workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Niederhasli, Switzerland (CH)

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 7

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CERTIFIED SITE

Workshop No and Name: 7 - Knorr-Bremse Vasúti Jármű Rendszerek Hungária Kft. - KBRS HU	
Complete postal address: Helsinki út 105, 1238, Budapest, Hungary (HU)	
Registration business No: 01-09-464653	VAT No: 12089675-2-44

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th		to: 2021 September 18th
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:
Distributor Valves KE, Relay Valves, Weighing Valves, Angle Cocks, Indicators, Block Brake Units, Slack Adjusters

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBRS HU ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th
Current issue date: 2018 December 19th
Expiration date: 2021 September 18th

Internal reference No:

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 7

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Helsinki út 86, 1201, Budapest,
Mobile workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Hungary (HU)

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 8

Confirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	8 - Knorr-Bremse Systèmes Ferroviaires France S.A.	
Complete postal address:	9 route de Champigny, CS 10038, 51430, Tinquex, France (FR)	
Registration business No: 095 781 720	VAT No: FR35 095 781 720	

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th		to: 2021 September 18th
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:

Distributor Valves KE, Distributor Valves OKE, Relay Valves, Weighing Valves, Anti Skid Valve, Indicators, OKE Products, Block Brake Units

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBSF ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th
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Expiration date: 2021 September 18th

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 8

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	9 route de Champigny, CS 10038, 51430, Tinquieux,
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	France (FR)

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 9

Confirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	9 - Knorr-Bremse España, S.A. – (KBE)
Complete postal address:	Miguel Faraday 1, Parque Empresarial "La Carpetania", 28906, Getafe (Madrid), Spain (ES)
Registration business No: 281869	VAT No: A28125078

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th	to: 2021 September 18th	
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:

Screw Compressors, Piston Compressors, Air Dryers, Distributor Valves, EP-Valves and pneumatic valves, Brake Control Units and Panels, Brake Caliper Units WZK / RZS, Brake Cylinders, Slack adjusters and ancillary equipment (cocks, indicators, etc.)

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBE ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th

Current issue date: 2018 December 19th

Expiration date: 2021 September 18th

Internal reference No:

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 9

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Miguel Faraday 1, Parque Empresarial "La Carpetania", 28906, Getafe (Madrid), Spain (ES)
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 10

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	10 - Knorr-Bremse Systemy Kolejowe Polska Sp. z o.o. – (KBSKP)
Complete postal address:	Ul. Szymona Szymonowica 85, 30-396, Kraków, Polska (PL)
Registration business No: KRS 0000101217	VAT No: 6772128329

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th	to: 2021 September 18th	
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:
Distributor Valves KE, Distributor Valves OKE

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBSKP ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th
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Maintenance Function Certificate

IT/32/0118/0577 – Annex 10

Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Ul. Szymona Szymonowica 85, 30-396, Kraków, Polska (PL)
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

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Maintenance Function Certificate

IT/32/0118/0577 – Annex 11

Confirming acceptance of the maintenance system within the European Union in conformity with Directive 2004/49/EC and Regulation (EU) No 445/2011

CERTIFIED SITE

Workshop No and Name:	11 - Knorr-Bremse S.R.L. – (KBRORSB)
Complete postal address:	Sos. Vitan-Bârzești 9A, Sector 4, RO-042122, București, România (RO)
Registration business No: J40/6280/2006	VAT No: 18585200

CERTIFICATE INFORMATION

This is a	- new certificate <input type="checkbox"/>	ECM Certification Number of the previous certificate: IT/32/0118/0553
	- renewed certificate <input type="checkbox"/>	
	- updated/amended certificate <input checked="" type="checkbox"/>	
Validity from: 2018 December 19th	to: 2021 September 18th	
Type of site: maintenance workshop		

SCOPE OF THE MAINTENANCE ACTIVITIES

Covers tank wagons for dangerous goods:	NO
Covers other wagons specialized in transport of dangerous goods:	NO

SITE MAINTENANCE FUNCTIONS

Maintenance development	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Fleet maintenance management	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Maintenance delivery	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

MAINTENANCE ACTIVITIES

Maintenance of the following braking system parts:
Distributor Valves KE, Relay Valves, Weighing Valves WM

This annex is part of the Multi-Site Maintenance Function Certificate of Knorr Bremse SfS GmbH IT/32/0118/0577

The KBRSB ECM Maintenance system is applied, same way, to non-freight wagon parts also although this is out of the scope of this certificate.

First issue date: 2016 September 19th
Current issue date: 2018 December 19th
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Maintenance Function Certificate

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Confirming acceptance of the maintenance system within the European Union in conformity with
Directive 2004/49/EC and Regulation (EU) No 445/2011

7. SAFETY PARTS MAINTAINED

Bogie	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wheelsets	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
End Coupling System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Wagon Frame	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Braking System	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	See page 1 for details.
Doors/Mobile Panels	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Electrical System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Fire Protection System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
On Board System	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

8. SPECIAL PROCESSES

Welding	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
Non-Destructive Tests	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

9. OPERATING MODES

Fixed workshop	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	Workshop Address: Sos. Vitan-Bârzești 9A, Sector 4, RO-042122, București, România (RO)
Mobile workshop	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	

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