

Certificate

awarded to



KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification certifies that the Management System of the above organisation has been assessed and found to be in accordance with the requirements of the standards detailed below.

Standard

DIN ISO 45001:2018

Scope of application

Design and Development, Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Braking Systems, Coupling Systems, Automatic Entrance Systems, HVAC Systems, Contactors, Disconnectors, DC High Speed Circuit Breakers, Power Resistors, Power Electric and Electronic Components, Onboard Equipment, Control Systems, Brake Blocks and Disc Brake Pads for the Railway Sector

Certification cycle start date: 18 December 2021

Subject to the continual satisfactory operation of the organisation's Management System,

this certificate expires on: 17 December 2024

Certificate n°: DE012558-1

Date: 17 December 2021

Certification Manager

Deutsche D-ZM-16024-01-00

Page: 1 of 12

Certification body address: Bureau Veritas Certification Germany GmbH, Veritaskai 1, 21079 Hamburg





awarded to



((K)) KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse Systeme für	Design and Development, Manufacturing,
Schienenfahrzeuge GmbH	Sales, Commissioning, Maintenance and
Moosacher Straße 80	Customer Service of Braking Systems and
80809 Munich, Germany	Coupling Systems for the Railway Sector.
	Design and Development, Manufacturing,
Knorr-Bremse GmbH	Sales, Commissioning, Maintenance and
Beethovengasse 43-45	Customer Service of Braking Systems and
2340 Mödling, Austria	Components, Sanding Equipment and Wiper/
0,	Washing Systems for the Railway Sector.
	Design and Development, Manufacturing,
Knorr-Bremse GmbH Division IFE	Sales, Commissioning, Maintenance and
33.a Straße 1	Customer Service of Automatic Entrance
3331 Kematen, Austria	Systems for the Railway Sector

Date: 17 December 2021

Page: 2 of 12

Certificate nº: DE012558-1

Valid until: 17 December 2024







Certification body address: Bureau Veritas Certification Germany GmbH, Veritaskai 1, 21079 Flamburg



awarded to



(((())) KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Dr. techn. J. Zelisko GmbH Beethovengasse 43-45 2340 Mödling, Austria and production location in: Zelisko Holice Vysokomytska 1104	Design, Development, Production, Sales and Marketing of Power Electric and Electronic Components, Devices Systems and Software
534 01 Holice, Czech Republic and production location in: Zelisko Sanayi ve Ticaret LTD STI Sakarya Arifbey Mah. Cavus Sok. No.:18A 54580 Arifiye Sakarya, Turkey	Production and Sales of Power Electric and Electronic Components
Knorr-Bremse Sistemas para Veículos Ferroviários Ltda Via Cyrineu Tonolli, 1519 13295-970, Nova Era - Itupeva/SP, Brazil	Development, Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Braking Systems and Automatic Entrance Systems for the Railway Sector
Knorr-Bremse Rail Systems Schweiz AG Mandachstrasse 50 8155, Niederhasli, Switzerland	Design and Development, Sales, Maintenance and Customer Service of Braking Systems and Maintenance of Automatic Entrance Systems for the Railway Sector

Date: 17 December 2021

Page: 3 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024





Certification body address: Bureau Veritas Certification Germany Gmbl I, Veritaskai 1, 21079 Hamburg





awarded to



Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
IFE-CR, a.s. Evropská 839, 664 42 Modřice, Czech Republic	Design and Development, Manufacturing, Commissioning, Maintenance and Customer Service of Automatic Entrance Systems for the Railway Sector
Knorr-Bremse Systèmes Ferroviaires France 9, Route de Champigny 51430, Tinqueux, France	Manufacturing, Sales, Maintenance, Commissioning and Customer Service of Braking Systems, Automatic Entrance Systems and HVAC Systems for the Railway Sector
Heine Resistors GmbH Otto-Mohr-Straße 5 01237 Dresden, Germany	Design and Development, Manufacturing and Sales of Resistors for the Railway Sector and Industry Applications
Knorr-Bremse SfS GmbH Zweigniederlassung Berlin Georg-Knorr-Str. 4 12681 Berlin, Germany	Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Braking Systems for the Railway Sector

Date: 17 December 2021

Page: 4 of 12

Certificate nº: DE012558-1

Valid until: 17 December 2024







Certification body address: Bureau Veritas Certification Germany Gmbl-1, Veritaskai 1, 21079 Hamburg



awarded to



KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr Bremse Vasúti Jármu Rendszerek	Design and Development, Manufacturing,
Hungária Kft	Sales, Commissioning, Maintenance and
Helsinki út 105	Service of Braking Systems and Coupling
1238 Budapest, Hungary	Systems for the Railway Sector
Knorr-Bremse Technology Center India	Design and development of Brake Systems,
Private Limited	Doors, HVAC (Heating, Ventilation and Air
Survey No. 276, Village Mann, Hiinjewadi	Conditioning) and TCMS business areas for
Phase II, Taluka, Mulshi, 411057 Pune, India	the Railway Sector.
	Manufacturing, Sales, Commissioning,
	Maintenance and Customer Service of
Knorr-Bremse India Pvt. Ltd.	Braking Systems, Doors Systems and various
51/4 KM Stone, Vill.&PO Baghola, Delhi-	Onboard Equipment for the Railway Sector.
Mathura Road (NH2), Palwal, Haryana-	Design and Development, Manufacturing,
121102, India	Sales, Commissioning and Customer Service
	of Heating, Ventilation and Air conditioning
	(HVAC) Systems for the Railway Sector.

Date: 17 December 2021

Page: 5 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024







Certification body address: Bureau Veritas Certification Germany Gmbl·l, Veritaskai 1, 21079 I-lamburg



awarded to



(((C)) KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse Rail Systems Italia s.r.l. Via San Quirico, 199/I 50013, Campi Bisenzio (FI), Italy	Design and Development, Manufacturing, Sales Commissioning, Maintenance and Customer Service of Braking Systems, On Board Systems and Toilet Equipment for the Railway Sector. Sales, Commissioning, Maintenance and Customer Service of Automatic Entrance Systems, HVAC, for the Railway Sector
Microelettrica Scientifica S.p.A. Via Lucania, 2/4/6 20090 Buccinasco (MI), Italy with the site extension Via Veneto 7 20090 Buccinasco (MI), Italy	Design, manufacturing and after sales service of contactors, disconnectors, DC high speed circuit breakers, power resistors, relays, transducer and switchgears for DC traction applications for railway and industrial markets
Knorr-Bremse Systemy Kolejowe Polska Sp. z o.o. Ul. Sz. Szymonowica 85 30-396, Kraków, Poland	Design and Development, Manufacturing, Sales, Maintenance and Customer Service of Braking Systems for the Railway Sector

Date: 17 December 2021

Page: 6 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024

Akkreditierungsstelle D-ZM-16024-01-00







Annex to the Certificate Nº DE012558-1 awarded to



(((K))) KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse España S.A. Miguel Faraday, 1 28906, Getafe (Madrid), Spain	Design and Development, Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Brakes and HVAC systems for railway sector. Sales, commissioning, maintenance and customer service for Automatic Entrance Systems for rail vehicles as well as platform screen doors
Establecimiento Penitenciario de Ocaña C/Martires, 4-6 (45300) Ocaña, Spain	Manufacturing of HVAC-Systems for the Railway Sector
Knorr-Bremse Nordic Rail Services AB Traktorvägen 8 226 60, Lund, Sweden	Sales, Aftermarket, Customer Service and Maintenance of Braking Systems, Automatic Entrance Systems and HVAC Systems for the Railway Sector

Date: 17 December 2021

Page: 7 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024







Certification body address: Bureau Veritas Certification Germany Gmbl·l, Veritaskai 1, 21079 Hamburg



awarded to



((K)) KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse Rail Systems (UK) Limited Unit 1, Hendham Vale Industrial Park, Hazelbottom Road, Manchester, M8 0GF, United Kingdom	Manufacturing of Railway Brake Blocks
Knorr-Bremse Rail Systems (UK) Ltd Westinghouse Way, Hampton Park East, Wiltshire, SN126TL, Melksham, United Kingdom	Design and Development, Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Braking Systems for the Railway Sector. Design and Development, Sales, Commissioning and Assembly, Customer Service of Platform Screendoors at customer sites. Sales, Commissioning, Maintenance and Customer Service of HVAC for the Railway Sector.

Date: 17 December 2021

Page: 8 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024

Certification body address: Bureau Veritas Certification Germany GmbH, Veritaskai 1, 21079 Hamburg

To check this certificate validity you may contact Bureau Veritas Certification. Further clarifications regarding the scope of this certificate and the applicability of the Management Systems requirements may be obtained by consulting the organisation.

Akkreditierungsstelle D-ZM-16024-01-00







awarded to



KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse SA (Pty) Ltd. 3 Derrick Road, 1620 Spartan, Kempton Park, South Africa	Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Braking and Automatic Entrance Systems for the Railway Sector. Supply of Brake Equipment for Medium and Heavy Commercial Vehicles.
Knorr-Bremse Sistemas filial Rio Claro Service Center, Av. 8a, 5 13506-760, Rio Claro, Sao Paulo, Brazil	Sales, Maintenance and Customer Service of Braking Systems for the Railway Sector
New York Air Brake LLC 748 Starbuck Ave, Watertown, NY 13601, USA	Design and Development, Manufacturing, Sales and Customer Service of Pneumatic, Electro-Pneumatic and Hydraulic Brake Equipment for the Railway Sector
Knorr-Bremse Rail Systems Machining Edinburgh Way, Leafield Industrial Estate, SN13 9XZ Wiltshire, Corsham	Manufacture and refurbishment of precision engineered products, including railway brake control equipment, pneumatic manifolds and high precision engineered parts, using 3D modelling technology on multi-axis CNC machines.

Date: 17 December 2021

Page: 9 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024

Deutsche
Akkreditierungsstelle
D-ZM-16024-01-00





Certification body address: Bureau Veritas Certification Germany Gmbl·l, Veritaskai 1, 21079 Hamburg



awarded to



KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse Pamplona, S.L. Poligono Industrial de Agustinos Calle G, S/N Pamplona 31013 (Navarra) Spain	Design and development, Manufacturing of Brake Blocks and Disk Brake Pads for Railway Applications.
Knorr-Bremse Australia Pty Ltd 17-23 Factory Street Granville 2141 NSW Australia	Design and Development, Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Brake Systems, Automatic Entrance Systems and HVAC Systems for the Railway Sector. Supply of Braking Systems for Commercial Vehicles.
Knorr-Bremse Australia Pty Ltd 719 Boundary Road Darra Queensland 4076 Australia	Manufacturing, Commissioning, Maintenance and Customer Service of Brake Systems and HVAC Systems for the Railway Sector.

Date: 17 December 2021

Page: 10 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024







Certification body address: Bureau Veritas Certification Germany GmbH, Veritaskai 1, 21079 Hamburg



awarded to



KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse Australia Pty Ltd 9-13 Stoney Way Derrimut, 3030 Victoria Australia	Manufacturing, Commissioning, Maintenance and Customer Service of Brake Systems, Automatic Entrance Systems and HVAC systems for the Railway Sector.
Knorr-Bremse Australia Pty Ltd 33 Colin Jamieson Drive Welshpool 6106 Australia	Maintenance and Customer Service of Brake Systems and HVAC Systems for the Railway Sector.
Knorr-Bremse Australia Pty Ltd 58 Indian Drive Keysborough 3173 Victoria Australia	Application Engineering and Supply of Braking Systems for Commercial Vehicles.

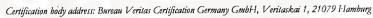
Date: 17 December 2021

Page: 11 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024









awarded to



KNORR-BREMSE

Knorr-Bremse Systeme für Schienenfahrzeuge GmbH

Moosacher Straße 80 80809 Munich, Germany

Bureau Veritas Certification has issued this annex to the Management Certificate of the above mentioned company.

Standard

DIN ISO 45001:2018

Site	Scope of application
Knorr-Bremse Australia Pty Ltd. 50 Enterprise Street, Mackay, Paget QLD 4740 Australia	Manufacturing and Maintenance of Brake Systems and HVAC Systems for the Railway Sector
Knorr Brake Company, LLC 1 Arthur Peck Drive 21157, Westminster, Maryland, United States	Design and Development, Manufacturing, Sales, Commissioning, Maintenance and Customer Service of Braking Systems, HVAC Systems and Automatic Entrance Systems for the Railway Sector as well as Manufacturing and After Sales Service of Contactors, Disconnectors, DC High Speed Circuit Breakers, Power Resistors, Switchgears for DC Traction Applications for Railway and Industrial Markets.

Date: 17 December 2021

Page: 12 of 12

Certificate n°: DE012558-1

Valid until: 17 December 2024

Deutsche
Akkreditierungsstelle
D-ZM-16024-01-00





Certification body address: Bureau Veritas Certification Germany GmbH, Veritaskai 1, 21079 Hamburg