



**CERTIFICATE of
MAINTENANCE FUNCTIONS**

confirming acceptance of the maintenance system within the European Union and the
Signatory States in conformity with the

COMMISSION IMPLEMENTING REGULATION (EU) 2019/779 of 16th May 2019

OTIF/EU IDENTIFICATION NUMBER (EIN)

CH/32/0221/7360

1. CERTIFIED ORGANISATION

Legal designation:	GBM Gleisbaumechnik GmbH Adlerstr. 2 14774 Brandenburg an der Havel Germany	Acronym: GBM
National registration number:	HRB 15678	VAT No: DE 211949081

2. CERTIFICATION BODY

Organisation:	SCONRAIL Ltd, Zuercherstrasse 41, 8400 Winterthur		
Country:	Switzerland	EIN Number:	CH/30/0221/0001

3. CERTIFICATE INFORMATION

This is a	- new certificate	<input type="checkbox"/>	EU Identification Number (EIN) of previous certificates: CH/32/0219/7271
	- renewed certificate	<input checked="" type="checkbox"/>	
	- updated/amended certificate	<input type="checkbox"/>	
Valid from: 24.03.2021		To: 23.03.2026	
Type of company: (railway undertaking, keeper, etc.)		Maintenance supplier	

4. SCOPE OF ECM ACTIVITIES

Category of vehicles: (Freight wagons, internal combustion engines and/or electric multiple units, - internal combustion engines or electric traction units, - passenger coaches and - mobile equipment for the construction and maintenance of railway infrastructure)	Freight wagons, mobile equipment for the construction and maintenance of railway infrastructure
Covers wagons specialised in transport of dangerous goods	No

5. MAINTENANCE FUNCTIONS

	Yes	partial	No
Maintenance development	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fleet maintenance management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Maintenance delivery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. ADDITIONAL INFORMATION

Basis is the SCONRAIL audit report No. ECM-3762 / Scope of inspection see page 2			
Issue date	24.03.2021		
Internal reference number		Signature:	
SRL.530.00 / ECM-7360	Fo 607, V7.0		J. Raubold



OTIF/EU IDENTIFICATION NUMBER (EIN)

CH/32/0221/7360

5a. SCOPE OF INSPECTION

Product group in accordance with EN 15380	Maintenance Level				
	1	2	3	4	5
Vehicle body: Side walls, Roof, Head of vehicle, Weld-on/add-on parts, Intermediate floor, Partitions	X	X	X	X	X
Vehicle fitting out: Window, Floor, Interior panelling, Partitions, External additions, Vehicle paintwork, Insulation	X	X	X	X	X
Interior appointments: Rails, handles (inside), Seats, sleeping berths, tables, Sanitary facilities, Luggage racks, Additional devices	X	X	X	X	X
Running gear: Supporting structures, Wheelsets, Suspension, damping, balancing gear, Driving systems (active), Driven systems (passive), Safety add-ons	X	X	X	X	X
Power system, drive unit: Power supply, Power generation, Power conversion, Power dissipation, Power storage	X	X	X	X	X
Control apparatus for train operations: Power supply controls, Driving and brake controls, Power generation controls, System data acquisition, Power storage controls	X	X	X	X	X
Auxiliary operating equipment: Converter equipment, Battery device, On-board supply system, Cooling unit for power and drive systems, Emergency power generators	X	X	X	X	X
Monitoring and safety equipment: Measuring and protective devices, Indicating, recording, display devices, Safety equipment, Data transmission devices, Communication equipment, Miscellaneous equipment	X	X	X	X	X
Lighting: Exterior lighting equipment, Interior lighting equipment	X	X	X	X	X
Air conditioning: Intake/evacuation of air, Treatment, Distribution, Regulation	X	X	X	X	X
Ancillary operating equipment: Sanding equipment, Lubricating equipment, Points operating equipment, Ticket machines, Passenger counting device	X	X	X	X	X
Doors, entrances: External doors, Internal doors, Entrances, steps (not inside), Entrances for the disabled	X	X	X	X	X
Information facilities: Visual information facilities, Visual information elements, Vehicle-vehicle interface for media, Entertainment, Advertizing, Audible information facilities	X	X	X	X	X
Pneumatic/hydraulic equipment: Generation, Treatment, Storage, Distribution	X	X	X	X	X
Brake: Brake components, Mechanical brake force transmission	X	X	X	X	X
Vehicle linkage devices: Automatic coupling devices, Manual coupling devices, Buffing gear, Towing gear (emergency couplings), Gangways/gangway facilities, Vehicle-vehicle interface for media, signals, power	X	X	X	X	X
Carrier systems, enclosures: Cabinets, boxes, containers, Frames, boards, Control and display units, Electronic rack systems	X	X	X	X	X
Electrical wiring: Cables, conductors and bars, Marking and connection material, Connecting material, Bushings, Cable ducts, pipes and flexible tubes	X	X	X	X	X



OTIF/EU IDENTIFICATION NUMBER (EIN)

CH/32/0221/7360

Applied procedures	
Welding in accordance with: EN 15085-2	X
Bonding in accordance with: DIN-6701	X
Non-destructive testing in accordance with: ISO 9712, DIN 27201-7	X
VPI EMG <ul style="list-style-type: none">- General maintenance to G4.0- Braking revision to Br3- Mobile service- Wheelsets IL, IS1, IS2, IS3	X
SNCF: <ul style="list-style-type: none">- Wheelsets IS2, IS3	X