

## 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 16<sup>th</sup> May 2019**

OTIF/EU IDENTIFICATION NUMBER (EIN)

CH/32/0220/7315

### 1. CERTIFIED ORGANISATION

Legal designation:	Plasser UK Ltd. Manor Road, West Ealing London W130PP – United Kingdom	Acronym: <b>Plasser</b>
National registration number:	00652432	VAT No: 528696681

### 2. CERTIFICATION BODY

Organisation:	SCONRAIL Ltd, Zuercherstrasse 41, 8400 Winterthur		
Country:	Switzerland	EIN Number:	CH/30/0220/0001

### 3. CERTIFICATE INFORMATION

This is a	- new certificate	<input checked="" type="checkbox"/>	EU Identification Number (EIN) of previous certificates:
	- renewed certificate	<input type="checkbox"/>	
	- updated/amended certificate	<input type="checkbox"/>	
Valid from: 23.10.2020		To: 22.10.2025	
Type of company (railway undertaking, keeper, etc.):			Maintenance supplier

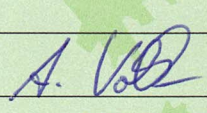
### 4. SCOPE OF ECM ACTIVITIES

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)	Mobile equipment for the construction and maintenance of railway infrastructure
Covers wagons specialised in transport of dangerous goods	<input type="checkbox"/>

### 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-3684 / Scope of inspection see page 2 This certificate was issued under the transitional arrangements of the Clarification Note "ERA 1172/001 V.2.0".			
Issue date	23.10.2020		
Internal reference number		Signature: 	A. Volk
SRL.487.00 / ECM-7315	Fo 607, V4.0		



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## 5a. SCOPE OF INSPECTION

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