



Rail

# CERTIFICATE OF CONFORMITY FOR MAINTENANCE FUNCTIONS

confirming acceptance of the maintenance system of an entity in charge of maintenance (ECM) within the European Union in conformity with Directive (EU) 2016/798 of the European Parliament and of the Council and Commission Implementing Regulation (EU) 2019/779

**1 EIN No:** DE/32/0123/0052

## 2 CERTIFIED ENTITY IN CHARGE OF MAINTENANCE (ECM)

Legal title (incl. legal form):	LSW Lokservice Wolf GmbH
Commercial designation or acronym (voluntary):	LSW GmbH
Complete postal address (street, postal code, city, country):	Alte Gärtnerlei 9, 01809 Dohna, Germany
Registration business number: HRB 33053	VAT No: DE293505025

## 3 CERTIFICATION BODY

Legal title (incl. legal form):	TÜV SÜD Rail GmbH
Complete postal address (street, postal code, city, country):	Barthstr. 16, 80339 Munich, Germany
Certification body reference number:	DE/30/0122/0001

## 4 CERTIFICATE INFORMATION

This is a	- new certificate	<input checked="" type="checkbox"/>	EIN No. of the previous certificate:
	- renewed certificate	<input type="checkbox"/>	
	- updated/amended certificate	<input type="checkbox"/>	
Validity from:	20/12/2022	Validity to:	19/12/2027
Type of company: <small>(railway undertaking, keeper, maintenance supplier, etc.)</small>	Maintenance supplier		

## 5 SCOPE OF MAINTENANCE ACTIVITIES

Category of vehicles <small>(freight wagons, locomotives, multiple units, passenger carriages, high-speed vehicles, OTMs, other)</small>	Locomotives, Multiple Units, OTMs		
Covers wagons specialised in transport of dangerous goods:	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>

## 6 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"/>

For partial maintenance functions, the sub-functions for which this certificate is valid (see list in Annex II of the Implementing Regulation (EU) 2019/779:

## 7 ADDITIONAL INFORMATION

Basis of the certification decision: report number LD100055C, Version 1.0

Date issued	31.01.2023	Signature:	Ralf Mueller
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## 8 Anhang

Scope of services	EIN DE/32/0123/0052, 31.01.2023			
Level	Level 2 <input type="checkbox"/>	Level 3 <input checked="" type="checkbox"/> (incl. mobile service)	Level 4 <input type="checkbox"/>	Level 5 <input type="checkbox"/>
Vehicles	<input type="checkbox"/> Freight wagons (incl. maintenance on demand on tank wagons without work on tank and equipment)			
	<input type="checkbox"/> Tank wagons (type Z) and other wagons specialised in transport of dangerous goods			
	<input type="checkbox"/> Tank cleaning			
	<input type="checkbox"/> Tank inspection			
	<input checked="" type="checkbox"/> Locomotives			
	<input checked="" type="checkbox"/> Electric		<input checked="" type="checkbox"/> Diesel	
	<input checked="" type="checkbox"/> Multiple units			
	<input checked="" type="checkbox"/> Electric		<input checked="" type="checkbox"/> Diesel	
	<input type="checkbox"/> Passenger carriages			
	<input checked="" type="checkbox"/> OTM			
<input type="checkbox"/> Other				
Bogie	<input checked="" type="checkbox"/> Test	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Wheel Set	<input type="checkbox"/> Exchange			
	<input type="checkbox"/> Overhaul			
	<input checked="" type="checkbox"/> Measurement	<input type="checkbox"/> Pulling off and pressing on the wheel discs	<input type="checkbox"/> Re-profiling	<input type="checkbox"/> Bearing overhaul
Brake test	<input checked="" type="checkbox"/> According to level Br3			
Braking components	<input checked="" type="checkbox"/> Inspection			
	<input checked="" type="checkbox"/> Pneumatic	<input checked="" type="checkbox"/> Mechanical	<input checked="" type="checkbox"/> Electric	
	<input checked="" type="checkbox"/> Exchange			
	<input checked="" type="checkbox"/> Pneumatic	<input checked="" type="checkbox"/> Mechanical	<input checked="" type="checkbox"/> Electric	
	<input type="checkbox"/> Overhaul			
	<input type="checkbox"/> Pneumatic	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electric	
Suspension springs	<input checked="" type="checkbox"/> Inspection			
	<input checked="" type="checkbox"/> Pneumatic	<input checked="" type="checkbox"/> Mechanical		
	<input type="checkbox"/> Exchange			
	<input type="checkbox"/> Pneumatic	<input type="checkbox"/> Mechanical		
	<input type="checkbox"/> Overhaul			
	<input type="checkbox"/> Pneumatic	<input type="checkbox"/> Mechanical		
Damping	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Tank wagon container	<input type="checkbox"/> Inspection	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Tank fittings				
Other tank fittings	<input type="checkbox"/> Inspection	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Car body	<input checked="" type="checkbox"/> Visual inspection	<input type="checkbox"/> Measurement	<input type="checkbox"/> Weighing	<input type="checkbox"/> Overhaul
Vehicle equipment	In detail:			
Interior	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	

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Scope of services	EIN DE/32/0123/0052, 31.01.2023			
Surface coating	<input type="checkbox"/> Inspection	<input type="checkbox"/> Overhaul		
Power supply, drive unit	<input checked="" type="checkbox"/> Power supply			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Power generation			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Power conversion			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Power distribution			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Power storage			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Drive			
<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul		
Train protection, train control, signalling	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Auxiliary equipment	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Monitoring and safety equipment	<input checked="" type="checkbox"/> Displays			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Acoustic system			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Emergency lighting			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input type="checkbox"/> Fire protection			
	<input type="checkbox"/> Inspection	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Sanding			
<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul		
Doors, entrances	<input checked="" type="checkbox"/> Inspection	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Vehicle connection devices	<input checked="" type="checkbox"/> Inner coupling			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Outer coupling			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Automatic coupling			
	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
	<input checked="" type="checkbox"/> Buffers			
<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul		
Electrical wiring	<input checked="" type="checkbox"/> Inspection	<input checked="" type="checkbox"/> Exchange		
Other important components	<input type="checkbox"/> Component(s):			
	<input type="checkbox"/> Inspection	<input type="checkbox"/> Exchange	<input type="checkbox"/> Overhaul	
Welding EN 15085-2	<input type="checkbox"/> CL1	<input type="checkbox"/> CL2	<input type="checkbox"/> CL3	<input type="checkbox"/> D <input type="checkbox"/> P <input type="checkbox"/> M <input type="checkbox"/> S
NDT level 2 or 3	<input type="checkbox"/> UT	<input type="checkbox"/> MT	<input type="checkbox"/> PT	<input type="checkbox"/> VT <input type="checkbox"/> RT <input type="checkbox"/> ET
Bonding DIN 6701-2	<input type="checkbox"/> A 1	<input type="checkbox"/> A 2	<input type="checkbox"/> A 3	<input type="checkbox"/> A 4

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