



# CERTIFICATE



Czech

**TÜV SÜD Czech – CERTIFICATION BODY**

Which carries out the assessment and certification of products

Product certification body No. 3084, accredited by the Czech Accreditation Institute according to ČSN EN ISO/IEC 17065:2013

hereby certifies that the organization



ŠKODA TVC s.r.o.

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**Tylova 1/57**

**CZ - 301 00 Plzeň - Jižní Předměstí**

**Company Registration No.: 25247964**

**Place of Manufacture:**

**Tylova 1/57, CZ - 301 00 Plzeň - Jižní Předměstí**

is certified to perform production, purchase and supply

under classification level **CL 1** according to **EN 15085-2:2020**.

Number of the Audit Report: **14.315.466.15085**

Certificate validity: **22.03.2025**

Certificate number: **14.315.253**

Certification scheme: SCH6 (based on ISO/IEC 17067, Scheme 6  
- in accordance with TÜV SÜD Czech certification system)

Details and validity conditions are stated in the annex to this certificate which forms its integral part and contains 2 pages.

Prague, on 22.03.2022



  
Head of the Certification body



**1. Field of application:** bogies (headstocks, solebars, cross bearers, bogie frames); underframes of locomotives, passenger rolling stock and freight wagons (extensions, solebars, cross bearers, bolsters, assembly); draw and buffing gear; wheelset mountings, axleboxes, spring supports, shock absorbers, vibration dampers; exterior traction and power equipment (transformer casing, transformer suspension, engine suspension, transmission suspension, attachment for traction motor, instrument racks); power transmission parts (traction coupling, cardan shafts); turning and tipping equipment (e.g. freight wagon)

**2. Range of certification:**

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
111	1.2	$t = 3,0 - 80,0 \text{ mm}$	BW
	1.2 / 5	$t_1 \geq 5,0 \text{ mm}$ $t_2 = 5,0 - 20,0 \text{ mm}$	FW
	1.2 / 8.3	$t_1 \geq 5,0 \text{ mm}$ $t_2 = 4,0 - 16,0 \text{ mm}$	FW
	72.2 / 8.1	$t_1 = 12,5 - 50,0 \text{ mm}$ $t_2 = 3,0 - 12,0 \text{ mm}$	FW
135	1.2	$t = 3,0 - 70,0 \text{ mm}$	BW
		$t_1 = 17,5 - 70,0 \text{ mm}$ $t_2 = 3,0 - 24,0 \text{ mm}$	T – joint
		$t_1 \geq 5,0 \text{ mm}$ $t_2 = 3,0 - 36,0 \text{ mm}$	FW
	1.2 / 5.2	$t = 3,0 - 24,0 \text{ mm}$	BW
		$t = 3,0 - 8,0 \text{ mm}$ $D \geq 20,0 \text{ mm}$	BW
	3.1	$t = 3,0 - 24,0 \text{ mm}$	BW
		$t = 8,0 - 32,0 \text{ mm}$	FW
	3.1 / 1.2	$t = 3,0 - 24,0 \text{ mm}$	BW
		$t_1 \geq 5,0 \text{ mm}$ $t_2 \geq 5,0 \text{ mm}$	T – joint
		$t_1 = 3,0 - 12,0 \text{ mm}$ $t_2 = 8,0 - 32,0 \text{ mm}$	FW
141	1.2 / 8.1	$t_1 \geq 5,0 \text{ mm}$ $t_2 = 1,4 - 4,0 \text{ mm}$	FW
		$t_1 \geq 5,0 \text{ mm}$ $t_2 = 1,4 - 4,0 \text{ mm}$	FW (single-layer)

**3. Welding supervisors:**

Work functions – level acc. to EN 15085-2, art. 5.3.1	First name, surname / date of birth	Qualification level
Responsible welding coordinator – A	Ing. Ladislav Benýr / 13.02.1962	6.2.2
Deputy RWC with equal rights – A	Ing. Antonín Šmíd / 08.12.1950	6.2.2
Deputy – B	--	--
Deputy – C	--	--



**Remarks / Extensions:**

- The certificate shall only promote its holder, the product and production places mentioned therein.
- The transmission of this certificate to third parties is inadmissible as well as its use by third parties.
- Changes of supervision staff or welding process shall be announced to the TÜV SÜD Czech immediately. This circumstance can cause the dependence of the next certificate continuance on additional conformity assessment.
- TÜV SÜD Czech shall supervise the proper functioning of the Quality System at the manufacturer within one year deadline on the basis of a concluded contract about the controlling activity.
- The certificate can be renewed on demand.
- The certificate shall only be reproduced complete including all annexes.
- The right to use TÜV SÜD Czech certification mark was established to the certificate.
- The certificate holder commits to keep records of all relevant complaints concerning the conformity of the products with the requirements of regulations and standards and make those records available to the certification body TÜV SÜD Czech.
- Not specified items (advertising, use of certification mark and certificates) are governed by the General Terms and Conditions for the Certification of Processes and Services, as amended.



