



# CERTIFICATE

Welding of railway vehicles and components  
according to EN 15085-2

ZE-16083-01-00-EN15085-2016.0372.002

DVS ZERT hereby certifies that the company

**SKODA ELECTRIC a.s.**  
**Prumyslová 4**  
**301 28 Plzen**  
**CZECH REPUBLIC**

fulfills the requirements  
for the scope according to

**EN 15085-2 certification level CL1**

in the range indicated on the reverse.

validity: 30.11.2017 until 06.11.2019

Düsseldorf, 30.11.2017  
Place and date of issue

Dipl.-Ing. Flégl  
Lead Assessor

Dipl.-Ing. Gurschke  
Head of certification body

## Scope of the certificate

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### Scope:

Welding process acc. to EN ISO 4063	Material class/group acc. to CEN ISO/TR 15608	Dimensions	Remarks
111	1.2 1.2 1.2/8 72.2/1.1	t = 5 - 20 mm t = 5 - 40 mm t = 10 - 40 mm t = 6 - 24 mm	FW BW 1.2 (t = 10-40 mm) / 8 (t = 4-16 mm) 72.2 (t = 6-24 mm) / 1.1 (t = 1,5-4 mm)
135	1.2 1.2 1.2 1.2 1.2 1.2/8 8	t = 1.5 - 20 mm t = 3 - 24 mm t = 3 - 80 mm t >= 5 mm t >= 5 mm t = 6 - 24 mm t = 3 - 5 mm	FW BW, robot BW FW FW, robot 1.2 (t = 6-24 mm) / 8 (t = 2-6 mm), FW -
135/141	1.2 1.2	t = 3 - 20 mm t = 5 - 12 mm	BW, robot FW, robot
141	22, 23 31	t = 3 - 10 mm t = 2 - 6 mm	FW FW
21	1.2	t = 0.5 - 1 mm	-

### Area of Application:

- new construction of assemblies and components
- parts: electrical equipment, drive units, frames, traction motors and battery cabinet

### Responsible Welding

#### Coordinator(s):

Dipl.-Ing. Jaroslav Vejvoda (EWE)

born: 17.07.1959

#### Deputy with equal rights:

Dipl.-Ing. Lumir Jenik (IWE)

born: 23.11.1974

#### Representative:

Milan Cinek (IWP)

born: 03.12.1973

#### Remarks:

none

#### registration ON EN15085:

DVSZERT/15085/CL1/372/0A1/16

### General provisions:

It apply the conditions of the standard EN 15085-2:2007, section 7.

The General Terms and Conditions of the DVS ZERT GmbH apply in the currently valid version.