



BUREAU
VERITAS

Bureau Veritas Certification

Certificate

Awarded to

ELFE, s.r.o.

Cháfovská 920/120, Pod Cvilínem, 794 01 Krnov, Czech Republic

BUREAU VERITAS CERTIFICATION CZ, s.r.o. certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below:

Standards

ČSN EN ISO 9001:2016

in connection with **ČSN EN ISO 3834-2:2022**

(Detailed specification to the definition of the welding is an inseparable part of this certificate)

Scope of supply

**WELDING OF STEEL STRUCTURES, MACHINING,
ASSEMBLY OF MACHINE PARTS**

Original Approval Date: **29-03-2007**

Certification / Recertification Cycle Start Date: **22-04-2023**

Certification / Recertification Cycle End Date: **21-04-2026**

Tento certifikát platí – za předpokladu následného uspokojivého udržování

Subject to the continued satisfactory operation of the organisation's

Management System, this certificate is valid until: **21-04-2026**

To check this certificate validity please call: +420 210 088 215

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

Version 1 Issue Date: **22-04-2023**

Certificate Number: **CZ011566**



MANAGING OFFICE: BUREAU VERITAS CERTIFICATION CZ, s.r.o., Olbrachtova 1, 140 02 Praha 4, Czech Republic

ISSUING OFFICE ADDRESS: BUREAU VERITAS CERTIFICATION CZ, s.r.o., Olbrachtova 1, 140 02 Praha 4, Czech Republic



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Appendix to the certificate

BUREAU VERITAS CERTIFICATION CZ, s.r.o. has issued this appendix to the Certificate Number: CZ011566

The company has implemented a quality assurance system used for welding in accordance with requirements of standard ČSN EN ISO 9001:2016 in connection with ČSN EN ISO 3834-2:2022

Scope of supply

Product	Welding of steel structures, production of winches, anchor systems, equipment for the maritime industry, oil rigs and submarine applications. Deck cranes with robotic termination. Surface coal mining equipment components. Screw container coal conveyors. Main marine gearboxes. Rolling mill components for the production of hot-rolled long products, rolling mills, including assembly. Refrigeration lines, machine parts for industrial applications including assembly		
Related product standards	ČSN EN ISO 9606-1, ČSN EN ISO 14732, ČSN EN ISO 14731, ČSN EN ISO 9712, ČSN EN ISO 17637, ČSN EN ISO 17638, ČSN EN ISO 17640, ČSN EN ISO 3452-1, ČSN EN ISO 5817, ČSN EN ISO 23278, ČSN EN ISO 23277, ČSN EN ISO 11666, ČSN EN ISO 15609-1, ČSN EN ISO 15613, ČSN EN ISO 15614-1, ČSN EN ISO 17662, ČSN EN 1011-1, ČSN EN 1011-2, ASME IX, AWS D1.1, DNVGL Rules for Classification of Ships, DNVGL-OS-C401, NORSOK M-101, ČSN EN 1090-2, ČSN EN 1090-1+A1		
Alternative standards:	-		
Welding processes (according to EN ISO 4063)	Parent material groups (according to TNI CEN ISO/TR 15608)	Dimensions of basic material	Notice:
141	1.1, 1.2	3 ÷ 10	BW/FW
141	8.1	3 ÷ 20	BW/FW
141	1.2 + 8.1	5 ÷ 20 / 4 ÷ 16	BW/FW
141+136	1.1, 1.2	3 ÷ 80	BW/FW
135	1.1, 1.2	3 ÷ 80 (BW), ≥5 (FW)	BW/FW
135	8.1	3 ÷ 30	BW/FW
135	1.1, 1.2	3 – 150 (BW), ≥5 (FW)	BW/FW (WELD)
135	1.1, 1.2	3 – 150 (BW), ≥5 (FW)	BW/FW (WELD)
135	2.1	3 – 100 (BW), ≥5 (FW)	BW/FW (WELD)
135	3.1	3 – 160 (BW), ≥5 (FW)	BW/FW (WELD)
135	3.1	≥5 (FW)	FW
135	3.2 + 3.1	3-30/≥5 (FW)	FW



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Scope of supply

Welding processes (according to EN ISO 4063)	Parent material groups (according to TNI CEN ISO/TR 15608)	Dimensions of basic material	Notice:
135	3.2 + 3.1	12,5 – 160 (BW)	BW
135	10.2	3 ÷ 20	BW/FW
136	1.1, 1.2	5 ÷ 160 (BW), ≥5 (FW)	BW/FW
136	1.2 + 8.1	min. 10,8	BRINDLE
136	2.1 + 8.1	min. 5 / 10 ÷ 40	FW
136	1.2 + 10.1	min. 5 / 10 ÷ 40	FW
138+136	1.1, 1.2	3 ÷ 80	BW/FW
138+136	3.1	3 ÷ 80	BW/FW
138	1.1, 1.2	3 ÷ 100	BW
138	1.1, 1.2	≥5	FW
138	1.2+3.1	3-120/≥3	BW/FW
138	3.1+3.1	3-120/≥3	BW/FW
138	5.1+1.2	16-200/16-48	BW

	Name and surname	Qualifying certificate	Working function
Personnel of welding supervision ČSN EN 14731, Qualification according ISO 14731 see art. 6.2.1 and 6.2.3)	Ing. Milan Vajďák Responsible welding supervision / 6.2.2.	IWE/CZ 08014	International welding engineer
	Pavel Jedinák Deputy of welding supervision / 6.2.3.	CZ/IWT/19037	International welding technologist

Version 1

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