

ANNEX TO ACCREDITATION CERTIFICATE

LP-097

1. ACCREDITED BODY

TEMAT družba za tehnično preizkušanje, storitve in trgovino d.o.o.
Industrijska ulica 2, 2310 Slovenska Bistrica

2. COMPETENCE REQUIREMENTS

SIST EN ISO/IEC 17025:2017

3. SCOPE OF ACCREDITATION

Slovenian Accreditation hereby recognizes the accredited body as being competent to perform the following activities:

Table 1 non-destructive testing / industrial products

CAB unit - location	Site	Type of scope	Identification of the document (method)	Characteristic tested	Description of test	Range of testing	Item tested	ID
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 17640 and DIN EN ISO 11666	detection and evaluation of internal imperfections	ultrasonic testing	$(8 \leq t \leq 100) \text{ mm}$	welded joints of metallic materials, welded joints on ferritic steels	1
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 10160	detection and evaluation of internal imperfections	ultrasonic testing	$(6 \leq t \leq 200) \text{ mm}$	ferritic steel flat products	2
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 10228-3	detection and evaluation of internal imperfections	ultrasonic testing		ferritic and martensitic steel forgings	3
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 10308	detection and evaluation of internal imperfections	ultrasonic testing	$t \leq 400 \text{ mm}$	steel bars	4
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	ÖNORM M 3002	detection and evaluation of internal imperfections	ultrasonic testing		forgings, rolled products	5
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	AD 2000-Merkblatt HP 5/3 and AD 2000-Merkblatt HP 5/3, annex 1 and AD 2000-Merkblatt HP 0	detection and evaluation of internal imperfections	ultrasonic testing	$(8 \leq t \leq 100) \text{ mm}$	welds on pressure vessels	6

CAB unit - location	Site	Type of scope	Identification of the document (method)	Characteristic tested	Description of test	Range of testing	Item tested	ID
			table 1a, 1b table 2a, 2b table 3a, 3b					
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 10863 and DIN EN ISO 15626	detection and evaluation of internal imperfections	ultrasonic testing based on time of flight diffraction (TOFD)	$(6 \leq t \leq 300) \text{ mm}$	welded joints of metallic materials, welded joints on ferritic steels	7
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 13588 and DIN EN ISO 19285	detection and evaluation of internal imperfections	phased array ultrasonic testing (PAUT)	$t \geq 6 \text{ mm}$	welded joints of metallic materials, welded joints on ferritic steels	8
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	CCH70-4 chapter UT 70-4	detection and evaluation of internal imperfections	ultrasonic testing	$(10 \leq t \leq 600) \text{ mm}$	steel castings for hydraulic machines	9
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 23277 and DIN EN ISO 3452-1	detection and evaluation of surface-breaking imperfections	penetrant testing		welded joints of metallic materials	10
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 10228-2	detection and evaluation of surface-breaking imperfections	penetrant testing		steel forgings	11
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	AD 2000-Merkblatt HP 5/3 and AD 2000-Merkblatt HP 5/3, annex 1 and AD 2000-Merkblatt HP 0 table 1a, 1b table 2a, 2b table 3a, 3b	detection and evaluation of surface-breaking imperfections	penetrant testing		welds on pressure vessels	12
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	CCH70-4 chapter PT 70-4	detection and evaluation of surface-breaking imperfections	penetrant testing		steel castings for hydraulic machines	13
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 1371-1	detection and evaluation of surface-breaking imperfections	penetrant testing		cast metals except castings made of copper-tin and/or copper-tin-lead alloy castings	14
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 17638 and DIN EN ISO 23278	detection and evaluation of surface imperfections	magnetic particle testing		welded joints of ferromagnetic steel materials	15
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 10228-1	detection and evaluation of surface imperfections	magnetic particle testing		steel forgings	16
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	AD 2000-Merkblatt HP 5/3 and AD 2000-Merkblatt HP 5/3, annex 1 and	detection and evaluation of surface imperfections	magnetic particle testing		welds on pressure vessels	17

CAB unit - location	Site	Type of scope	Identification of the document (method)	Characteristic tested	Description of test	Range of testing	Item tested	ID
			AD 2000-Merkblatt HP 0 table 1a, 1b					
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	CCH70-4 chapter MT 70-4	detection and evaluation of surface imperfections	magnetic particle testing		steel castings for hydraulic machines	18
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 1369	detection and evaluation of surface imperfections	magnetic particle testing		steel ferromagnetic castings	19
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 17637 and DIN EN ISO 5817	detection and evaluation of surface imperfections	visual testing		welded joints on steel, nickel, titanium and their alloys	20
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN 13018 and DIN EN 10163-1 and DIN EN 10163-1, amendment 1 and DIN EN 10163-2	detection and evaluation of surface imperfections	visual testing		hot-rolled steel plates, wide flats and sections	21
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	CCH70-4 chapter VT 70-4	detection and evaluation of surface imperfections	visual testing		steel castings for hydraulic machines	22
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 8501-3	detection and evaluation of surface imperfections	visual testing		surfaces of steel industrial materials and products	23
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 2808 point 5.5.6, 5.5.7	film thickness	magnetic induction and eddy current method		industrial materials and products (metals)	24
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	ONORM ISO 19840	thickness of dry film on rough surfaces	magnetic induction and eddy current method		industrial materials and products (metals)	25
Radiografski laboratorij - Slovenska Bistrica	in the laboratory and fieldwork	flexible: a	DIN EN ISO 17636-1 and DIN EN ISO 10675-2	detection and evaluation of internal imperfections	radiographic testing	$t \leq 70$ mm	welded joints on aluminium and its alloys	26
Radiografski laboratorij - Slovenska Bistrica	in the laboratory and fieldwork	flexible: a	DIN EN ISO 17636-1 and DIN EN ISO 10675-1	detection and evaluation of internal imperfections	radiographic testing	$t \leq 70$ mm	welded joints on steel, nickel, titanium and their alloys	30
Radiografski laboratorij - Slovenska Bistrica	in the laboratory and fieldwork	flexible: a	AD 2000-Merkblatt HP 5/3 and AD 2000-Merkblatt HP 5/3, annex 1 and AD 2000-Merkblatt HP 0 table 1a, 1b	detection and evaluation of internal imperfections	radiographic testing	$t \leq 70$ mm	welds on pressure vessels	31

CAB unit - location	Site	Type of scope	Identification of the document (method)	Characteristic tested	Description of test	Range of testing	Item tested	ID
			table 2a, 2b table 3a, 3b					
Radiografski laboratorij - Ptuj	in the laboratory and fieldwork	flexible: a	DIN EN ISO 17636-1 and DIN EN ISO 10675-1	detection and evaluation of internal imperfections	radiographic testing	$t \leq 70$ mm	welded joints on steel, nickel, titanium and their alloys	34
Radiografski laboratorij - Ptuj	in the laboratory and fieldwork	flexible: a	AD 2000-Merkblatt HP 5/3 and AD 2000-Merkblatt HP 5/3, annex 1 and AD 2000-Merkblatt HP 0 table 1a, 1b table 2a, 2b table 3a, 3b	detection and evaluation of internal imperfections	radiographic testing	$t \leq 70$ mm	welds on pressure vessels	35
Radiografski laboratorij - Ptuj	in the laboratory and fieldwork	flexible: a	DIN EN ISO 17636-1 and DIN EN ISO 10675-2	detection and evaluation of internal imperfections	radiographic testing	$t \leq 70$ mm	welded joints on aluminium and its alloys	38
Laboratorij za tehnično preskušanje - Slovenska Bistrica	in the laboratory or fieldwork	flexible: a	DIN EN ISO 17637 and DIN EN ISO 10042	detection and evaluation of surface imperfections	visual testing		arc-welded joints in aluminium and its alloys	39

NOTES

- For some activities, no data is provided in the column "Range of testing". If the flexibility of range of testing does not apply to these activities and they are not linked to others (not marked with ID xx.2), the range is in accordance with the provisions of the document specified in the column "Identification of the document (method)".
- Flexibility:
 - a : modifications of methods without altering the type/principles/techniques of testing
- The accredited body maintains up-to-date information on the flexible scope and ensures public accessibility of this information.
- CAB units:
 - Laboratorij za tehnično preskušanje, Industrijska ulica 2, 2310 Slovenska Bistrica
 - Radiografski laboratorij, Industrijska ulica 2, 2310 Slovenska Bistrica
 - Radiografski laboratorij, Rogozniška cesta 14, 2250 Ptuj

**Decision maker: Marko Radak, Acting
Director**


 **SLOVENSKA
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