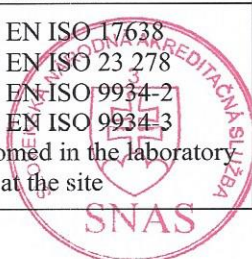


## Accreditation scope

Name of the accredited subject: **PRVÁ ZVÁRAČSKÁ, a.s.**  
**Skúšobné laboratórium metalografie, mechanických skúšok a NDT**  
 Kopčianska 14, 851 01 Bratislava

### Laboratory with a fixed accreditation scope.

Item	Test object		Established method		Other specifications
	Subject/ Matrix/ Environment	Property/ Parameter/ Indicator Analyte	Principle/ Kind/ Type	Identification	
1.	Metallic and non-metallic materials their alloys and welded joints	Mechanical characteristics R <sub>e</sub> , R <sub>m</sub> , A, Z	Tensile test  Tensile test at elevated temperatures and reduced  Tensile test weld joint in the transverse direction  Tensile test weld metal fusion welded joints in the longitudinal direction	STN EN ISO 6892-1	STN EN ISO 4136 STN EN ISO 5178 STN EN 10164
2.		Bend tests	Bend tests (Qualitative test)	STN EN ISO 5173	STN EN ISO 9017 STN EN ISO 7438
3.		Energy consumed KU, KV	Impact bend test  Impact bend test at elevated temperatures and reduce	STN EN ISO 148-1	STN EN ISO 9016
4.		Hardness	Vickers hardness test	STN EN ISO 6507-1	STN EN ISO 9015-1
			Brinell hardness test	STN EN ISO 6506-1	
5.	Macrostructure  Microstructure	Metallographic analysis of materials (Qualitative test)	STN EN ISO 17639	STN EN ISO 5817 STN EN ISO 13919-1 STN EN ISO 13919-2+A1 Performed in the laboratory	
6.	Metallic and non-metallic materials, metallurgical and foundry alloys and products, welded and solder joints	Quality ,defects, Inhomogeneity, loss of material thickness	Ultrasonic examination UT	STN EN ISO 16810	STN EN ISO 17640 STN EN ISO 11666 STN EN ISO 2400 STN EN 12 223 STN EN ISO 7963 STN EN 12 680-1 STN EN 12 668-1 STN EN 14 127 STN EN ISO 23279 Performed in the laboratory and at the site
7.	Ferromagnetic Materials, metallurgical, foundry alloys and products, welded joints	Quality ,defects, inhomogeneity	Testing the magnetic powder method MT (Qualitative test)	STN EN ISO 9934-1	STN EN ISO 17638 STN EN ISO 23 278 STN EN ISO 9934-2 STN EN ISO 9934-3 Performed in the laboratory and at the site



Annex to the Decision No. 141/8243/2019/1 and to the Certificate of Accreditation No. S-308 dated 15.11.2019

The Annex is an integral part of the  
Certificate of Accreditation

Item	Test object		Established method		Other specifications
	Subject/ Matrix/ Environment	Property/ Parameter/ Indicator Analyte	Principle/ Kind/ Type	Identification	
8.	Metallic and non-metallic materials, metallurgical and foundry alloys and products, welded and solder joints	Quality ,defects, inhomogeneity	Testing capillary method PT (Qualitative test)	STN EN ISO 3452-1	STN EN 1371-1 STN EN ISO 23277 STN EN ISO 3059 Perfomed in the laboratory and at the site
9.			Testing of visual methods VT (Qualitative test)	STN EN 13018	STN EN ISO 17637 STN EN ISO 5817 STN EN ISO 10 042 STN EN ISO 6520-1 STN EN 1330-1 STN EN 12 799 STN EN 12 799/A1 Perfomed in the laboratory and at the site

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