Annex to the Decision No. 215/8418/2020/1 and to the Certificate of Accreditiation No. K-067 dated 13.02.2020

The Annex is an integral part of the Certificate of Accreditation

Accreditation scope

Name of the accredited subject: **AQUASTYL SLOVAKIA, s. r. o.**
Calibration Service Centre
Oslové 277, 017 01 Považská Bystrica

Laboratory with a fixed accreditation scope.

Item	Measuring instrument	Measuring range	Expanded uncertainty U (k=2)	Methods applied		Other specifications
				Kind	Documentation	
1.1.	Hardness measuring equipment for ROCKWELL	(20 ÷ 88) HRA (20 ÷ 100) HRBW (20 ÷ 70) HRC	0,5 HRA 0,6 HRBW 0,5 HRC	Direct measurement with compression type force gauge Indirect measurement with hardness blocks	STN EN ISO 6508-2 (PP 15 - 04/2)	Calibrations performed in laboratory and on site
1.2.	Hardness measuring equipment for BRINELL	(80 ÷ 199) HBW (200 ÷ 300) HBW (301 ÷ 650) HBW	3 HBW 3 HBW 5 HBW	Direct measurement with compression type force gauge Indirect measurement with hardness blocks	STN EN ISO 6506-2 (PP 14 - 04/2)	Calibrations performed in laboratory and on site
1.3.	Hardness measuring equipment for VICKERS	(80 ÷ 400) HV (401 ÷ 600) HV (601 ÷ 900) HV	3 HV 4 HV 7 HV	Direct measurement with compression type force gauge Indirect measurement with hardness blocks	STN EN ISO 6507-2 (PP 16 - 04/2)	Calibrations performed in laboratory and on site
2.1.	Hardness blocks ROCKWELL	(20 ÷ 88) HRA (20 ÷ 100) HRBW (20 ÷ 70) HRC	0, 6HRA 0,7 HRBW 0,6 HRC	Direct measurement with hardness measuring equipment	STN EN ISO 6508-3 (PP 13 - 04/2)	Calibration performed in laboratory
2.2.	Hardness blocks VICKERS	(80 ÷ 300) HV (301 ÷ 600) HV (601 ÷ 900) HV	5 HV 7 HV 10 HV		STN EN ISO 6507-3 (PP 13 - 04/2)	Calibration performed in laboratory
2.3.	Hardness blocks BRINELL	(80 ÷ 300) HBW (301 ÷ 500) HBW	4 HBW 7 HBW		STN EN ISO 6506-3 (PP 13 - 04/2)	Calibration performed in laboratory
3.	Accelerometers and measuring instruments of mechanical vibrations	acceleration (1,03 ÷ 30,67) $m \cdot s^{-2}$ (40 ÷ 10 000) Hz	4,5 % *)	Comparison with standard vibration measuring instrument	ISO 16063-21 (PP 10 - 04/2)	Calibration performed in laboratory
4. 1.	Measuring instrument of deviation from roundness	$(1 \cdot 10^{-3} \div 1 \cdot 10^{-2})$ mm $(1 \cdot 10^{-2} \div 0,1)$ mm	$1,6 \cdot 10^{-4}$ mm $5,5 \cdot 10^{-4}$ mm	Direct measurement with roundness standard	STN ISO 4291 (PP 11 - 04/2)	On site calibration
4.2.	Measuring instrument of deviation from straightness	$(1 \cdot 10^{-3} \div 0,015)$ mm $(0,015 \div 0,5)$ mm	$2,5 \cdot 10^{-4}$ mm $3,5 \cdot 10^{-4}$ mm	Direct measurement with gauge blocks	STN 01 4421 (PP12 - 04/2)	On site calibration
4.3.	Roundness standard	$(1 \cdot 10^{-5} \div 1 \cdot 10^{-3})$ mm $(1 \cdot 10^{-3} \div 1 \cdot 10^{-2})$ mm $(1 \cdot 10^{-2} \div 0,4)$ mm	$7,0 \cdot 10^{-6}$ mm $1,8 \cdot 10^{-4}$ mm $5,7 \cdot 10^{-4}$ mm	Direct measurement with measuring instrument of deviation from roundness	STN ISO 4291 (PP 17 - 05/1)	Calibration performed in laboratory

Note:
*) The uncertainty is expressed in % of value

***

SLOVENSKÁ NÁRODNÁ AKREDITAČNÁ SLUŽBA
SNAS