

Annex to decision no. 284/6209/2016/1 and to accreditation certificate no. S-216 dated 13 July 2016

*The annex forms an indivisible part  
of the specified certificate***Scope of accreditation**

Name of the accredited entity: **Chemko, a. s. Slovakia**  
 Pribinova 25, 811 09 Bratislava  
**Management and Quality Control**  
**Section Environmental Technical Control**  
 Priemyselná 720, 072 22 Strážske

**Laboratory with a fixed scope of accreditation.**

Line item	Object of testing		Employed method		Other specifications (scope, uncertainty, purpose, modification/validation, opinions/interpretations, etc.)
	Subject / Matrix / Environment	Property / Parameter / Indicator / Analyt.	Principle / Kind / Type	Label	
1	Drinking water Wastewater Groundwater Surface water	Temperature*	Direct measurement	STN 75 7375 (SP-TK ŽP-010)	on-site and permanent premises
2		Electrolytic* conductivity	conductimetry	STN EN 27888 (SP-TK ŽP-081)	on-site and permanent premises
3		pH*	potentiometry	STN EN ISO 10523 (SP-TK ŽP-091)	on-site and permanent premises
4		Insolubles 105 °C *	gravimetry	STN EN 872 (SP-TK ŽP-050)	
5		Solubles 105 °C		STN 757373 (SP-TK ŽP-062)	
		Solubles* 550 °C			
6		COD <sub>cr</sub> *	volumetric analysis	STN ISO 6060 STN 75 7376 (SP-TK ŽP-106)	
7		BOD 5*		STN EN 1899-1 (SP-TK ŽP-131)	Only surface water and wastewater
8		Nitrogen* Organic nitrogen, N <sub>org</sub>	volumetric analysis, calculation	STN EN 25663 (SP-TK ŽP-201)	
9		Chlorides	volumetric analysis	STN ISO 9297 (SP-TK ŽP-150)	
10		NEL-UV*	spectrophotometry	STN 83 0530-36 (SP-TK ŽP-231)	
11		Ammoniacal* nitrogen Ammonium ions	spectrophotometry	STN ISO 7150-1 (SP-TK ŽP-141)	
12		Sulphates		375.4 NPDES (SP-TK ŽP-182)	
13		Phenol index*		STN ISO 6439 (SP-TK ŽP-241)	
14		Nitrite nitrogen* Nitrites		STN EN 26777 (SP-TK ŽP-161)	
15	Nitrate nitrogen* Nitrates	STN ISO 7890-3 (SP-TK ŽP-171)			

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16	Drinking water Wastewater Groundwater Surface water	Total phosphorus* Phosphates	spectrophotometry	STN EN ISO 6878 (SP-TK ŽP-191)	
17		Formaldehyde* total		SP-TK ŽP-220 (STN EN ISO 14184-1,2)	
18		Manganese		STN ISO 6333 (SP-TK ŽP-330)	
19		Iron, total		STN ISO 6332 (SP-TK ŽP-320)	

## Abbreviations:

COD<sub>Cr</sub> - chemical oxygen demand dichromateBOD<sub>5</sub> - biochemical oxygen demand, 5-day

NEL-UV - non-polar extractable substances in the UV spectrum

SP-TK ŽP - environmental technical control test procedure

PI-TK ŽP - environmental technical control work instruction

NPDES - National Pollutant Discharge Elimination System (NPDES)

## Note:

\* except for drinking water

## Sampling:

Line item	Object			Method		Other specifications
	Subject	Property	Location of sampling	Type / Principle	Label	
1	Waters surface, ground, waste	In the scope of accreditation	Wastewater treatment plant, emergency accumulation tank, probes, specific object	point sampling, qualified point sampling	STN EN ISO 5667- 1 STN EN ISO 5667- 3 STN ISO 5667- 6 STN ISO 5667- 10 STN ISO 5667- 11 STN ISO 5667-14 (PI-TK ŽP-02)	

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