

**Schedule of Accreditation**  
for Testing Laboratory According to ISO/IEC 17025  
Issued To  
**Central Laboratory for Drinking Water Analysis**  
**Sharkia Potable Water and Sanitation Company (SHAPWASCO)**  
Saad Zaghloul St.,- Zagazeeg  
Sharkia - Egypt

Schedule No.:212007/1B Issue No. (1): August 16, 2018 1<sup>st</sup> Accreditation date: August 16, 2018 Revision No. (-): Valid to: October 31, 2020

Material / Products Tested	Type of Tests / Properties Measured / Range of Measurements	Standard Specifications / Techniques Used	
Drinking Water	Determination of pH value.	SM 4500 H <sup>+</sup> B:2017	<b>pH Meter</b> Manufacturer :Thermoscientific Model Orion2Star S.N : B31743
	Determination of Turbidity	SM 2130 B:2017	<b>Turbidity Meter</b> Manufacturer : USA Model 2100N HACH S.N:07110C02311
	Determination of Conductivity at 25° C	SM 2510 B:2017	<b>Conductivity Meter</b> Manufacturer :UK Model : Sension7-HACH S.N: 07120C470018

*M. El-Dosouki*  
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Drinking Water	Determination of chlorides	SM 4500Cl B: 2017	Digital Burette (50ml) Manufacture: Unitedkingdum Model : Jencons digitrac S.N :- AB7579	
	Determination of total hardness	SM 2340 C: 2017	Digital Burette (50ml) Manufacture: Hirschmann, Germany Model : Solarus S.N 50807051	
	Determination of calcium hardness	SM 2340 C: 2017		
	Determination of Organic compound	LOQ (µg/l)		
	Determination of chloroform	12.3	EPA 501.2: 1979	Gas Chromatography Manufacturer: Agilent, USA Model: 7890 A S.N: US11081026
	Determination of bromoform	13.5	EPA 551: 1990	
	Determination of bromodichloromethane	11.3		
	Determination of dibromochloromethane	11.8		
	Determination of trihalomethanes	47.4		
	Determination of PAHs (8 Compound)	0.06	EPA 550.1-1:1990	

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Tel.: (202) 25275220/5/6/7  
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تليفون : ٢٥٢٧٥٢٢٠/٥/٦/٧ (٢٠٢)  
فاكس : ٢٥٢٧٥٢٢٤ (٢٠٢)

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Drinking Water	Determination of Metals		
	Metals	LOQ (mg/l)	SM 3111B: 2017
	Zinc (Zn)	0.06	Flame Atomic Absorption Spectroscopy Manufacturer Varian, Australia Model AA240FS S.N El 08023462
	Copper (Cu)	0.06	
	Iron (Fe)	0.06	
	Manganese (Mn)	0.06	
	Determination of Aluminum	0.04	
	Detrmination of s SO <sub>4</sub> <sup>2-</sup>	10	SM 4500 SO <sub>4</sub> <sup>2-</sup> E:2017
Detrmination of Nitrite	0.03	SM 4500 NO <sub>2</sub> E:2017	UV-Vis Spectrophotometer Manufacturer England Model CE7400S-CECIL S.N 146-455

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Drinking Water	Determination of Total coliform count – Memberane filter technique	SM 9222 B:2017	<b>Membrane Filter</b> Model Sartorius B10019E S.N 58040004
	Determination of Heterotrphic bacteria at 22°C Determination of Heterotrphic bacteria at 35°C	SM 9215 B:2017	<b>Autoclave</b> Model AES-110, S.N 38739 Model SX700, S.N 46134081
	Determination of fecal coliform -Memberane filter technique	SM 9222 D:2017	<b>Incubator</b> Model IP 100, S.N K10695/1, K10695/4
	Determination of fecal streptococcus -Memberane filter technique	SM 9230 C:2017	<b>Incubator</b> Model FOC 225E S.N 781149400220302 <b>Balance</b> Model mittler toledo AB204S-FACE S.N 1129152804 <b>Water bath</b> Model memmert germany WNB22 S.N L 508,0634 S.N L 508,0635

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Drinking Water	Enumeration of total algal count Enumeration of green algal count Enumeration of blue green algal count Enumeration of diatoms count	SM 10200: 2017	<b>Binuclear Microscope</b> Manufacturer Olympus ,Japan Model U-LH100-3 S.N 8D17242 <b>Centrifuge</b> Manufacturer Hermile, Germany Model Z 300 S.N 47080145

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