	<p style="text-align: center;">Scope of work</p>	<p style="text-align: center;">Camden Power Station</p>
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Title: Supply, Delivery, Commissioning, and training of the Auto titrator Instrument at Camden Power Station Laboratory.

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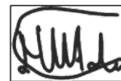


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1. Introduction

Camden Power Station require an Auto titrator at the laboratory for the analysis of pH, Conductivity, p-Alkalinity, M-Alkalinity, Calcium Hardness and Magnesium Hardness. The Instrument will be used for the analysis of Potable water and environmental samples. It important to have an instrument that will be fast, reliable, and accurate.

1.1 Scope

1.1.1 Purpose

This will be to stipulate the specification for the required Auto titrator Instrument for Camden Power Station

1.1.2 Applicability

Scope is applicable to Camden Power station Chemical Services

1.1.3 Effective date

It will be deemed effective on the date of Authorisation.

1.2 Normative/Informative References

1.2.1 Normative

N/A

1.2.2 Informative References

[1] ISO 9001 Quality Management System

1.3 Roles and Responsibilities

Supplier Responsibility.

Supply, Delivery, Commissioning, and training of laboratory personnel on the Auto titrator Instrument at Camden Power Station Laboratory.

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1.4 Process for Monitoring

1.4.1 Progress monitoring will be done using the milestone checklist and progress feedback to be shared in the chemical services morning meetings.

1.5 Scope of work

1.5.1 Supply and delivery of the Auto titrator Instrument, complete with all required accessories to perform analysis e.g., PC, Printer, probes etc.

1.5.2 Installation and Commissioning of the instrument

1.5.3 Configure suitable and approved methods for Camden Power Station water Laboratory analysis.

1.5.4 The Instrument setup must include the following methods:

- Conductivity
- pH
- p-Alkalinity
- M-Alkalinity
- Total alkalinity
- Total hardness
- Calcium hardness
- Magnesium hardness

1.5.5 Supply the Instrument with the auto sampler that can load a minimum of 30 samples.

1.5.6 The Titrator must be equipped with the functionality to automatically measure sample volumes in the titration beakers, the functionality to rinse the electrode and stirrer after each analysis and automatically empty the samples to waste after each analysis.

1.5.7 Perform in depth training on the instrument after full commissioning of the instrument is complete.

1.5.8 The instrument should be of the latest model including the software (10 years before the instrument can be deemed Obsolete)

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2. Revisions

Date	Rev.	Compiler	Reason for change
13/11/2023	1	HD Mahakalla	Original Document

3. Development Team

The following people were involved in the development of this document:

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