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CASE NARRATIVE

METEM A GE POWER Business

Project Name: Tank Farm - Acid Analysis

Project # N/A

Chemtech Project # Q1879

Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:

4 Water samples were received on 04/24/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Acidity, Alkalinity, Ammonia, Anions Group1, Mercury, Metals ICP-TAL, METALS-TAL, pH, Phenolics, TKN and Total Nitrogen. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample STEM-31-SULFURIC-ACID was diluted due to high concentrations for Chromium, Cobalt, Nickel & Sample STEM-32-NITRIC-ACID was diluted due to high concentrations for Cobalt, and Nickel & Sample STEM-46-NITRIC-ACID was diluted due to high concentrations for Nickel & Sample ACID-MIXTURE-TF-CONTAINMENT was diluted due to high concentrations for Cobalt, Nickel.

The Blank Spike met requirements for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

FAX and Hard copy not match Due to In FAX ,Data Reported with OR Flag as preliminary results , after Dilutions were analyzed , Hardcopy Reported with Correct Data. And for Q1879-03 sample, at time of fax its reported with straight 5X Dilution, after its Original sample analyzed which has Nickel parameter high so its reported with Dilution.

Sample Q1879-01, Q1879-02, Q1879-04 was analyzed straight 5X Dilutions due to bad sample matrix.



Due to limited volume of sample, DUP, MS and MSD were not performed for Metals and Mercury test.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____