



UPL Limited, Unit - 5
Plot No.746 & 750, P.B. No.9
GIDC, Dist. Bharuch
Jhagadia 393 110 Gujarat, India

w: upl-ltd.com
t: +91 2645 226013
f: +91 2645 226017

APPRECIATION LETTER

Date 21st Nov 2022

To,
TAPROGGE INDITECH PVT LTD
'Subsidiary of Taprogge GmbH'
Vasai, Palghar, Maharashtra 401208

Subject 'Performance of KLAREN Self-Cleaning Heat Exchanger' installed in 5 Stage MEE.

Dear Mr. Mahto & Dr. Marco Van Beek,

We would like to certify that the integration of 'KLAREN Self-Cleaning Heat Exchanger' in first calandria of 5 Stage MEE is performing well.

Taprogge Team has done a thorough study of the process conditions and accordingly shared a detailed technical feasibility analysis to our Energy Cell Team. Based on the findings and possibilities of process & specific steam consumption improvement, the project was sanctioned under 'Energy Cell' Initiative.

Subsequent successful commissioning of new system, plant has improved evaporation capacity / production capacity. We have inspected the tubes of the 1st calandria physically during shutdown and have found the tubes in clean condition.

We are content with the Technology and are further discussing with Dr Marco van Beek (*CTO - KLAREN INTERNATIONAL B.V.*) and team for further improvement, and horizontal deployment opportunities.

We appreciate their co-operation and recommend the 'KLAREN Self-Cleaning Heat Exchanger Technology' for improved energy performance in Process Heat Exchanger Applications.

Yours's Faithfully

Mr. VIVEK AGRAWAL
Sr. Energy Analyst - ENERGY CELL
Business Excellence Team
UPL Limited, Jhagadia.

