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- **TO WHOM SO EVER IT MAY CONCERN** -

M/s. Aditya Energy Services, Ahmedabad was assigned a Third Party Performance Testing of a new Vapor Absorption Machine (VAM) of Thermax India Limited at their test-bed Pune by UPL Limited, Unit: 5, Jhagadia, in the year 2018-19.

UPL Limited is 5<sup>th</sup> largest agrochemical company in the world. Unit 5, Jhagadia is one of the biggest units and revenue contributors of UPL group.

The new 670 TR VAM (triple effect) performance test at Thermax, Pune was conducted at different load conditions spreading over three days. Measurements of various operating parameters namely; CHW/CW in/out temperatures & pressures, CHW and CW flows, steam consumption etc. were made using portable non-intrusive/calibrated measuring instruments viz. ultrasonic flow meters, micro-processor based power analyzer, pressure transmitters, digital RTD meters/IT gun etc. of AES.

Based on the collected data and analysis, COP, SPC, TR were derived for every trail/campaign and performance of the VAM was determined and confirmed vis a vis its design intent.

The AES team of experts led by Mr. Prakash Vankani, Accredited Energy Auditor (BEE) & Chartered Engineer, The Institution of Engineers (I) did an excellent job and through their systematic & meticulous approach the study has fully met our intents.

We sincerely appreciate Aditya Energy Services for their excellent work.

For UPL Limited,

Authorized Signatory  
Date: 04<sup>th</sup> Jan 2021