Client: FORCE Technology – Denmark

Brief: The company is a leading Danish provider of innovative technologies and testing, employing over 2000 employees. One of their key businesses is testing and calibration of measurement devices, specifically gas and liquid meters.

Background / Context: The gas industry has been growing in India has been growing at a very rapid pace. The PNGRB (Petroleum & Natural Gas Regulatory Board) had plans to expand the natural gas distribution / city gas projects to as many as 323 cities, in addition to where there are over 1000 big industries and plants (Fertilizer, Power, Refinery, Petrochemical, LPG, Steel, etc). All these use gas which is measured using gas meters. These meters drift from time to time and need to be calibrated to ensure accuracy. This is not done in Indian Standards and hence gas measurement is inaccurate and not in line with global standards

Objectives of the Service : Allport engaged with stakeholders across India, particularly the regulatory board, measurement authorities and both regional and natural gas distribution companies. Allport invited them to understand the need for calibration and how in its absence it is not in line with international business practice.

Steps Taken to Implement the Solution: Staring from deliberations with suppliers of gas, buyers of gas and existing labs offering similar services, we identified the gaps in the Indian Market and where the international knowhow could assist companies. Allport then completed a comprehensive feasibility and market entry study for the client as well as for potential investors in India. Based on the wide level of deliberations, Allport received several approaches to help companies' setup labs and undertook the validation of a current lab in India to bring it up to international standards. This was followed by a seminar to educate customers on the need for calibration and how the operators, consumers and government are losing money and not providing fair treatment to customers.

Outcome: The entire project feasibility was conducted by Allport and a seminar arranged with key investors. Although the lab was not setup Force Technology assisted GAIL to validate their lab and organized a high-profile seminar in Le Meridien, Delhi to educate customers on how Indian standards compare with global standards and the need for calibration.

CLIENT TESTIMONIALS AND PHOTOGRAPHS ARE ON SUBSEQUENT PAGES

CLIENT TESTIMONIAL CUM SUPPORT LETTER (2018)

Vejen, 15 October 2018

To whom it may concern

Task no. 118-00266
Gas Flow Technology
JRB/BZP

FORCE Technology is among the leading technological consulting and service companies worldwide with offices in Denmark, Sweden, Norway, Singapore, UK, UAE and China. FORCE technology provides multidisciplinary services from exploration and extraction to transmission and distribution of oil & gas.
FORCE Technology is among the globally reputed and accredited laboratories conducting calibration of gas flow meters. FORCE Technology calibration facilities cover gas meters up to 1250 mm applying Natural gas as the medium and is fully accredited under DANAK number 9 to perform calibrations up to 65 bar. More details of the measurement range and capability for the entire accredited laboratory can be found on DANAK's homepage, www.danak.dk

We understand that except for a high-pressure facility by GAIL in Hazira, there is no facility for calibration on natural gas in India catering to the entire range of meters in operation, based on which the custody transfer of gas takes place between the suppliers and End consumers. Though some labs are conducting calibration using air as a medium but that too is for a limited range. Hence, we believe that there is a need for calibration facility using natural gas to be able to cover the wider range of sizes and pressures.

Allport International Pvt. Ltd are an experienced company in the Indian gas market and has been involved in calibration activities in India. Allport are keen to install such a facility at their own premises in Bawal, Haryana which we have visited and Allport has approached us for collaboration for setting up a facility capable of calibrating meters from the pressure-range 2 bar to 45 bar.

FORCE Technology are pleased to confirm that we have decided to support this project as Technology Partner with Allport and we are committed for the success of this project with Allport. We will provide support from concept to commissioning of the Laboratory including the know-how, technical & engineering support, specific metrological support including certification by FORCE. It is aimed as integral to the collaboration with Allport that there will be ongoing involvement of Force technology through supervision, audit, technical training of personnel etc., as would be considered necessary on a sustained basis and the lab/facility once operational would be maintain International Standards.
This letter is being provided at the request of Allport.

Thanking You

Kind regards
FORCE Technology

CLIENT TESTIMONIAL (2017)

गेल (इंडिया) लिमिटेड
(भारत सरकार का उपक्रम - महारत्न कंपनी)
GAIL (India) Limited
(A Government of India Undertaking - A Maharatna Company)

हजीरा कम्प्रेशर स्टेशन,
इच्छापुर मगदल्ला रोड,
पी. ओ. : ओ.एन.जी.सी.,
जिला : सूरत - 394 518

HAZIRA COMPRESSOR STATION
ICCHAPORE MAGDALLA ROAD,
P.O. : O.N.G.C.,
Dist. SURAT - 394 518
फोन / PHONE : (0261) 2917304/2905734
फैक्स / FAX : (011) 26185941

Date 19.12.2017

Completion Certificate

1. Name of Work : Revalidation of Meter Prover Facility at GAIL-Hazira
2. Name of Vendor : M/s Allport International Pvt. Ltd.
3. Work Order No : GAIL/HZR/61689/5300025938/FL-05C/16-17
4. Work order date : 29.09.2016
5. Total Work Order Value :
6. Actual Executed Amount :
7. Date of Start (Actual) : 25.11.2016
8. Contractual date of completion : 20.07.2017
9. Actual Date of completion : 31.07.2017

This is to certify that job mentioned above has been completed as per scope of work order and direction of Engineer-In-Charge. The performance of the job has been found satisfactory.

KISHOR PATEL
CM (NG PL O&M)
GAIL HAZIRA

किशोर पटेल / KISHOR PATEL

SEMINAR PHOTOS (2024)


SANTOSH STUDIO


Flow Metrology Workshop
20th March 2024
Desire Hall, Le Meridien, New Delhi
FORCE TECHNOLOGY
DNV
ALLPORT