

TTBS partners with NGC CNG towards accurate fuel measurements

In keeping with its mandate geared towards promoting standards and quality, the Metrology Division of the Trinidad and Tobago Bureau of Standards (TTBS), in partnership with the National Gas Company Limited ('NGC CNG'), hosted a Compressed Natural Gas (CNG) Measurement System workshop at its head office in Macoya on the 23rd to 27th November 2015.

The weeklong workshop brought together key industry stakeholders involved in the oil and gas sectors. There were strategic and meaningful discussions related to CNG policy, standards, equipment, calibration and verification. The development of standards and its measurement capability for CNG is high on the TTBS' agenda and it was recognised that there was a need for deeper sensitization and understanding of CNG measurements capability amongst its stakeholders.

Moreover, the 'NGC CNG' being a key stakeholder in the development of CNG measuring systems has been very instrumental in this initiative, since it has been mandated by the Government of Trinidad and Tobago to accelerate and expand the use of Compressed Natural Gas (CNG) as a major, alternative and cost-effective transportation fuel in the country.

In delivering Remarks at the workshop Mr. Curtis Mohammed, President of 'NGC CNG', described the company as an enabler and integrator and the approach towards making CNG work in Trinidad and Tobago was, "to do it differently and sensibly." He also said, "this is the first time CNG is being done in organic fashion, in 30 years of CNG we never calibrated stuff"

The highlight of the workshop sought to assist in the development of measurement capability for CNG, recognising that it is a major contributor to the national economy of Trinidad and Tobago, especially where accurate measurements are critical.

Additionally, CNG is used in vehicles and the CNG dispensers will be subject to mandatory verification under the Metrology Act No. 18 of 2004 which was proclaimed in May 2015. The Metrology Act will add value to this initiative by ensuring that measuring devices used in trade are measuring accurately and the consumer receives value for money.



PROUD MOMENT: Ms. Pamela Ramsubhag - Chief Inspector of Metrology (Ag.) TTBS receives her completion certificate from Mr. Curtis Mohammed – President NGC CNG Co. Ltd.

MEETING OF THE MINDS: Mr. Theodore Reddock, Executive Director (Ag.), TTBS (Centre), Mr. Curtis Mohammed – President NGC CNG Co. Ltd (left) and Mr. Hernan Brenta – Researcher and Metrologist, National Institute of Industrial Technology (INTI), Argentina is all smiles subsequent to the Workshop.



BRIGHT SMILE: Participants from the Compressed Natural Gas (CNG) Measurement System workshop

The workshop also provided a platform to allow participants along the supply chain to speak on their issues or concerns in relation to CNG Measuring Systems and its current status within the industry and where remedial action is required to become more competitive.

Technical support for the workshop was facilitated by Mr. Hernan Brenta, who has over ten years' experience in the area of Gas Flow. He is also a researcher and metrologist in the Physics and Metrology Centre of Argentina's National Institute of Industrial Technology (INTI). Mr. Brenta provided an overview of the workshop and thanked all participating Agencies for its contributions and ongoing

collaborations. The interactive sessions covered topics such as 'The CNG Path – From extraction to car filling', 'Flow meters – measurement principles & characterization', 'CNG measuring systems – pattern approval & verification'.

Speaking briefly at the Closing Ceremony, Mr. Theodore Reddock, Executive Director (Ag.), TTBS, expressed gratitude for the participation of the stakeholders in the workshop stating that "the workshop will allow for more efficient interfacing with industry players to ensure quality goods and standards, leading to more competitive and profitable industries".