The Institution of Engineers, Malaysia

Organised by Building Services Technical Division (BSTD)

WEBINAR on 'Introduction of Ultrasonic Thermal Energy Metering'

30 SEPTEMBER 2021
-Thursday-
3.00 P.M. – 5.00 P.M.

Join our events and find out more…

For inquiries, login to www.iem.org.my

Registration Fees
(effective 1st August 2020)

IEM Members :
RM 15.00

IEM Non Members :
RM 70.00

CPD Hours : 2.0
CPD Ref No :
IEM21/HQ/294/T(w)

Follow Us:
Instagram myiem_official
Telegram MyIEM HQ Official - General

SPEAKER

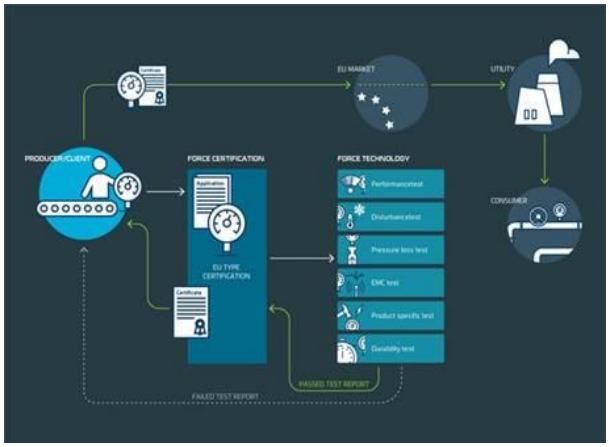
Mr Søren Lang is an internationally reputed expert in ultrasonic energy metering for district energy solutions.

In his role as Head of Technical Management for Heat and Cooling Meters, Søren supervises the development of the energy meter brands MULTICAL® and ULTRAFLOW® which are sold all over the world. He has a long standing involvement with several standardisation and technical committees, including the highly respected European Committee for Standardization that makes the European standard EN 1434.

Søren is a frequent contributor to various trade publications and has spoken at conferences in Scandinavia and around Europe about topics such as metering technology, legislation and standards.

Over the last 30 years Søren has played an instrumental role in the creation of some of Kamstrup's greatest product success stories in the company's history, both within energy and water metering. His in-depth knowledge of customer needs and European and international standardisation has helped keep Kamstrup at the forefront of the technological advancement of smart metering solutions. Søren is one of the linchpins that make sure Kamstrup remains the world leader in the heat metering industry.

He has also spent several years leading Danish District Heating seminars about laws and regulations within heat metering. Søren has advanced the education of heat meter installers in Denmark having created initiatives to improve the quality of installation. As a result of his efforts, there is now an official course and exam that heat meter installers in Denmark must go through.



SYNOPSIS

In today's digital world, smart meters are the future. The static ultrasound flow sensors for cooling/heating meters are among the pioneering manufacturers of this technology.

The flow sensors based on the ultrasonic measuring principle: the transit time method and the Doppler method have proven their long-term accuracy and durability.

MID approval EN1434 – a stringent European standard that ensures that the accuracy and quality of the flow sensors are remained constant and be confident that every meter is as good as the last.

Signal paths