TR-13-11 Advanced Field Device and Control October 11 – October 28, 2011

Lecturer: Shigeru Matsui

Content:

Design of Field Instrumentation/Design of Typical Control Loop;

Latest Instrument Technology/Recent Trend of Instrument and Control;

Latest DCS and Wireless Sensor/Operation Support System Practice;

Process Control Theory/PID Controller and Tuning Method & Practice:

Safety Instrumented System/Practice of SIS; Vibration Measurements and Diagnosis/Practice of

Balancing Method;

Design of Control Valve/Practice of Maintenance; Design of Flow Meters/Practice of Maintenance; Design of Level Gauges/Practice of Maintenance;

Refinery Information and Control System

Site visits: Yokogawa Electric Corporation;

Invensys Process System Japan, Inc.; Shinkawa Sensor Technology, Inc.;

Yamatake Corporation;

Endress+Hauser Japan Co., Ltd.;

Idemitsu Kosan Co., Ltd. (Tokuyama Refinery)

Countries:

China, Colombia, Indonesia, Iraq, Mexico, Nigeria, Pakistan, Sudan, UAE, Vietnam



<10 countries / 15 participants>