## TR-19-14 Utilization of Information and Control Systems in the Oil Downstream November 25 – December 12, 2014

Content: System Configuration in Refinery; Latest Information System; PID Tuning Methods; Distributed Control System (DCS); Hands-on Training of Process Control; Alarm Analysis; Operation Support System; Advanced Process Control; Process Optimization; Modernization of Instrumentation; Safety Instrumented System;

Fieldbus; Wireless System

Cooperation: Yokogawa Electric Corporation (Mitaka

Headquarters);

Azbil Corporation (Shonan Factory);

JX Nippon Oil & Energy Corporation (Marifu

Refinery); Idemitsu Kosan Co., Ltd. (Chiba Refinery);

Emerson Japan, Ltd. (Chiba Solution Center)

Countries: Ecuador, Iraq, Kazakhstan, Myanmar, Qatar, Saudi Arabia, Pakistan, Thailand, Vietnam



<9 countries / 11 participants>