

TR-16-14 Material Problems and Their Countermeasures
November 4 – November 21, 2014

Lecturer: Masami Funayama

Content: Petroleum Industry in Japan;
Maintenance Management in Japanese Refinery;
Material of Pressure Vessels; Estimation of
Remaining Life of Static Equipment;
Maintenance Activity in Japanese Refinery;
Trouble Experiences and Countermeasures;
Fundamentals of Welding; Metallurgy of Welding;
Latest Welding Technologies; Evaluating and
Controlling Technology of Welding Quality;
Maintenance and Repair Technologies of Refining
Equipment; Tank Corrosion and Countermeasures;
Welding Metallurgy; Welding Processes;
Mechanism and Countermeasures Related to
Corrosion & Deterioration Problems of Materials in
Refinery; Securing of Safety and Reliability of Aging
Plant

Site visits: The Japan Steel Works Ltd. (Muroran Plant); Idemitsu Kosan Co., Ltd. (Hokkaido Refinery);
Taseto Co., Ltd. (Fujisawa); IHI Corporation (Production Engineering Center);
Shinko Plantech Co., Ltd. (Head Office); Chiyoda Corporation (Head Office)

Countries: Iraq, Kuwait, Myanmar, Qatar, Saudi Arabia, Sudan, Thailand, Uzbekistan, Vietnam, Yemen



<10 countries / 14 participants>