

Signing Ceremony at the Mesaieed Refinery in Qatar “Operational and Safety Aspects”

On November 5, 2008, JCCP and Qatar Petroleum (QP) held a signing ceremony in the Al Dana Tower at the QP Head Office, for the “Study on Operational and Safety Aspects for Some Heaters in Refinery.” The study is slated to be implemented by the two organizations from FY2008 to 2009, as part of the JCCP technical cooperation program. Mr. Hussain M. Al-Ishaq, Director Refining of QP, and Mr. Katsuo Yokoyama, Managing Director of JCCP, signed the Letter of Intent (LOI) amid a gathering that included H.E. Mr. Yukio Kitazume, Ambassador Extraordinary and Plenipotentiary, and Mr. Noboru Homma, First Secretary, from the Japanese Embassy in Qatar, Mr. Abdulaziz M. Al-Khoori, Mesaieed Refinery Operations Manager, managers from QP departments involved in the project, and Mr. Takahiro Kanbe, Director of Cosmo Engineering Co., Ltd. (CEC), the project implementation company.

Prior to signing the LOI, Messrs. Al-Ishaq and Al-Khoori expressed their honor to receive Ambassador Kitazume and to be able to sign the LOI in his presence. They also thanked CEC for its cooperation in implementing JCCP projects during the past several years, and for its efforts in ensuring that the expected results are achieved. They also expressed their hopes of realizing significant

technical and environmental improvements through the project. Ambassador Kitazume congratulated H.E. Mr. Abdullah bin Hamad Al-Attiyah, Deputy Prime Minister, Minister Energy, and Chairman and Managing Director of QP, on his conferment of the “Grand Cordon of the Order of the Rising Sun” for his contribution in supplying energy to Japan and strengthening relations between Japan and Qatar. Ambassador Kitazume added that the holding of this signing ceremony in Qatar on the same day as the conferment of the award on Mr. Al-Attiyah is a significant prospect of the increasingly strong bonds of cooperation between the two countries. Mr. Yokoyama thanked everyone concerned for their support in the planning of the new project following the previous study on LPG recovery, and extended his gratitude to CEC for its continued cooperation and to Ambassador Kitazume for attending the ceremony. He also promised JCCP’s steady support in contributing to safe and stable operations at the QP Mesaieed Refinery, improving efficiency in the refinery, and enhancing the technical skills of refinery engineers through the project. Lastly, Mr. Kanbe explained that Cosmo Oil Co., Ltd. has established a subsidiary relationship with QP by investing in the QP Laffan Refinery, and expressed



*Exchange of commemorative gifts:
H.E. Mr. Yukio Kitazume, Ambassador to Qatar (left),
Mr. Hussain M. Al-Ishaq, Director Refining, QP (right)*



*Exchange of the LOI:
Mr. Al-Ishaq (right),
Mr. Katsuo Yokoyama, JCCP (left)*

his company's commitment to further deepening relations with QP through the project and making steady achievements.

The new project comes after the "FEED Study on LPG Recovery at the Mesaieed Refinery," a two-year project that was begun in FY2006, and will be based on the results of the "Study on Environmental Improvement at Qatar Petroleum," which was implemented in FY2007 under JCCP's project-finding (PF) scheme. The project has been made possible by the joint efforts of JCCP and CEC in building strong cooperative ties with QP since the launch of the first joint technical cooperation project with QP.

The following is an overview of the project.

- (1) Participating company: Cosmo Engineering Co., Ltd.
- (2) Project period: One year, from April 1, 2008 to March 31, 2009; with plans to extend the contract by an additional year, in FY2009
- (3) Overview of the study

1. FY2008

The first year of the project will focus on examining and analyzing the causes of problems that have occurred during the previous fiscal year, as well as current issues and problems relating to the refinery's six furnaces: (1) Measures for improving energy efficiency of the furnaces; (2) Survey for improving combustion by changing fuel composition; and (3) General plan of necessary facilities for ensuring safety and operational stability of the furnaces. If operational improvement

is deemed to be effective in improving combustion performance, the results of the study will be applied to the actual operation of the furnaces, as appropriate.

2. FY2009 (plan)

If remodeling of facilities is judged necessary based on FY2008 survey results, FEED (Front End Engineering Design) work will be implemented.

On the day following the signing ceremony, Mr. Yokoyama, Mr. Kanbe, and other Japanese members who attended the ceremony visited the Mesaieed Refinery, to see the furnaces tagged for the new project and tour the area where the facilities of the LPG recovery study implemented the previous fiscal year will be installed. Mr. Salim M.A., the manager in charge of implementing the project, emphasized QP's company-wide efforts in addressing global environmental issues. He then briefly described the operating principles of the refinery, including its (1) HSE (Health, Safety, Environment) and 4R (Refuse, Reduce, Reuse, Recycle) initiatives; (2) research on the application of Green Products (GTL) to internal combustion engines; and (3) achievement of Qatar environmental standards.

We hope that the successful implementation of this joint project will further strengthen friendly relations between Qatar and Japan, and that the transfer of Japan's oil refining facility evaluation technologies will contribute to the development and improvement of oil refining technologies in Qatar.

<by Takeyoshi Haishima, Technical Cooperation Dept.>



*Mr. Hussain M. Al-Ishaq,
Director Refining, QP
(center);
H.E. Mr. Yukio Kitazume,
Ambassador to Qatar (to the
left of Mr. Al-Ishaq);
Mr. Takahiro Kanbe,
Director of CEC (to the left
of Mr. Kitazume)*