

## Mother-Daughter Participation in JCCP Courses (Kazakhstan)



**Ms. Svetlana Tuitebayeva**

(Director of Technical Regulation Department, CDB OGI)

**Upgrading Processes of Heavy Oil**

(ST-50-06: September 6 – September 15, 2006)

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**Ms. Dinara Tuitebayeva**

(Analyst of HSE, KazMunayGas)

**Quality Management of Refinery Products**

(TR-18-08: January 13 – January 30, 2009)

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I, Dinara Tuitebayeva, attended the JCCP regular course on "Quality Management of Refinery Products" (TR-18-08) from January 13 to 30, 2009, and my mother participated in the Study Tour on "Upgrading Processes of Heavy Oil" (ST-50-06), which was held September 6 - 15, 2006. We thus became the first mother-daughter pair to participate in JCCP training across two generations. I should also note that my husband has also participated in a JCCP regular course on "Upgrading Processes of Heavy Oil" (TR-3-09).

As I have been asked to share my impressions of the course I attended, I would like to take the opportunity to also introduce my country, Kazakhstan.

### 1. Introducing Kazakhstan

Kazakhstan has the world's tenth largest reserves of hydrocarbon resources, including crude oil and natural gas. It has a reserve of approximately 60 billion barrels of petroleum on the Kazakhstan side of the Caspian Sea and the world's 15th largest proven reserve of natural gas. President N. Nazarbayev of Kazakhstan states that "oil is not only an important branch of Kazakhstan's industries, but also a symbol of national independence and a hope for the future." The availability of hydrocarbon resources supports the foundation of Kazakhstan's national strategy of "creating an efficient economy and expanding oil and gas infrastructures."

One of Kazakhstan's most important tasks is to establish a cooperative relationship with oil-related institutions around the world, based on the awareness that increasing productivity is possible only in close conjunction with scientific knowledge. In other words, Kazakhstan's key to achieving its goal lies in the

relationship of international cooperation between Japan and Kazakhstan, where Japan receives participants from oil downstream organizations in Kazakhstan, and Kazakhstan participants acquire oil and gas technologies in Japan. Capacity development of employees is the most important element in further developing the bilateral relationship between the two countries.

The Ministry of Energy and Mineral Resources of Kazakhstan, KazMunayGas, and other oil companies in Kazakhstan have begun to participate in JCCP training since 2005, and more than 100 participants from Kazakhstan have attended JCCP training courses to date.

### 2. My Mother's Impressions

My mother, Svetlana Tuitebayeva, is among the 100 participants from Kazakhstan who have attended a JCCP training program. As director of the Technical Regulation Department at Central Dispatching Board of Oil and Gas Industry (CDB OGI), she participated in the study tour on "Upgrading Processes of Heavy Oil" from September 6 to 15, 2006, along with twelve other participants from Kazakhstan.

In addition to a lecture on the oil industry in Japan, the course covered extremely professional subjects which proved to be highly useful to my mother's duties back in Kazakhstan, such as heavy oil thermal cracking technology, selection of upgrading processes, catalytic cracking technology and heavy oil hydroprocessing technology.

According to my mother, the most noteworthy point about the course was that it not only provided classroom lectures, but it also provided the opportunity to visit oil companies, catalyst makers, and engineering companies throughout Japan to acquire practical knowledge. She



At Idemitsu Kosan Co., Ltd., Aichi Refinery



Presenting a commemorative gift (Sept. 2006)

visited such companies as Nippon Petroleum Refining Co., Ltd., then-Catalysts & Chemicals Industries Co., Ltd., and Idemitsu Kosan Co., Ltd. Each of the companies provided detailed lectures and explanations of issues concerning heavy oil upgrading.

At the end of the course, the majority of the participants commented that the course was extremely interesting and helpful, and was held on a high level by qualified instructors.

### 3. My Impressions

I participated in the course on "Quality Management of Refinery Products" (TR-18-08) from January 13 to 30, 2009, as an analyst of Health, Safety and the Environment (HSE) at KazMunayGas. The course covered the following subjects: quality management and quality assurance in Japan, trends in international quality management standards, quality control methods, ISO-9000 and TQM

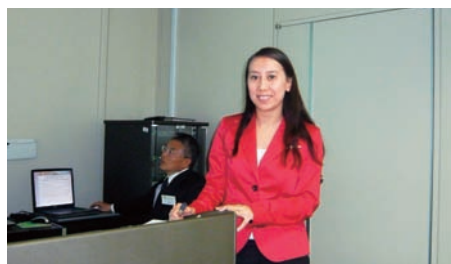
standards, environmental management, production management, the latest DCS system, online analyzer, gas chromatography, heavy oil analyzing equipment, and automated analyzer. As part of the program, we visited Idemitsu Kosan Co., Ltd., Nippon Petroleum Refining Co., Ltd., Shimadzu Corporation, Yokogawa Electric Corporation, and other companies throughout Japan.

The course was well organized to provide professional knowledge, as well as insight into Japanese culture and history through excursions to various regions in Japan. I was particularly impressed by the fact that even corporate culture in Japan is deeply rooted in Japan's history and culture.

My mother and I, as well as my husband, deeply appreciate the dedicated hospitality with which JCCP and other companies have received us, and intend to apply our Japanese experience to our jobs and lifestyles. Thank you very much.



At Nippon Petroleum Refining Co., Ltd.,  
Negishi Refinery



At JCCP (Jan. 2009)



### Upgrading Processes of Heavy Oil

(TR-3-09: April 7 – April 24, 2009)

**Mr. Issayev Gaziz (Ms. Dinara Tuitebayeva's husband;  
Head of Technical Regulation Dept., CDB OGI)**

Through the course I attended on "Upgrading Processes of Heavy Oil," I acquired new knowledge on process technology, which has already proven effective in Japan, from detailed lectures and practical training at oil-related companies.

My stepmother and wife, who have respectively participated in a JCCP course in September 2006 and January 2009, also say that they have benefited greatly from the meaningful program and their exposure to the wonderful culture of Japan. We feel very fortunate to be able to share common memories of our precious JCCP and Japanese experiences as a family.