

2. FY2001 Results

2.1 Researcher Assigned (long-term)

(1) Researcher

Dr. Mohammed Ismail Abdulsalam

King Abdulaziz University, Jeddah, Saudi Arabia

Chairman, Chemical and Materials Engineering Department

Assistant Professor

(2) Organization providing training

School of Engineering, The University of Tokyo

(Associate Professor Tadashi Shinohara, Metal Engineering Specialization)

(3) Research topic

Research into the Modeling of Crevice Corrosion

(4) Schedule: May 21 – September 14, 2001

2.2 Researcher Assigned (short-term)

2.2.1 HS-FCC

(1)

Researcher 1.

Mr. Adulgader Abdulaziz Maghrabi

KFUPM Laboratories

Researcher 2.

Mr. Muhsin D Al-Kudhairi

Process Technology Department, Saudi Aramco

(2) Organization providing training

Nisseki Ryouyu Engineering Corporation (Nisseki Mitsubishi Oil Corporation)

(3) Research topic

High Severity Fluid Catalytic Cracking (HS-FCC) Research

(4) Schedule: July 16 - August 31, 2001

2.2.2 Hydrogenolysis

(1) Researcher

Dr. Shakeel Ahmed

KFUPM Laboratory

(2) Organization providing training

The Advanced Catalyst Research Laboratory

Japan Cooperation Center, Petroleum

(3) Research topic

Benchmarking Hydrogenolysis Catalysts, Stability Assessment of VGO Catalysts, Relative Analysis

(4) Schedule: July 30 - August 17, 2001

2.2.3 Petroleum-related Study Analysis

(1)

Researcher 1.

Mr. Abdul Majeed Al-Mutawa

Kuwait Institute for Scientific Research (KISR)

Researcher 2.

Mr. Abdullatif Dashti

Kuwait Institute for Scientific Research (KISR)

(2) Organization providing training

Japan Energy Corporation Purification Technology Center

(3) Research topic

Petroleum-related Test Analysis Training

(4) Schedule: September 9 - October 11, 2001

2.2.4 Fundamentals of Hydrogenolysis

(1) Researcher

Mr. Nasser M.D. Al-Harbi

King Abdulaziz City for Science and Technology (KACST), PAPRI

Researcher

(2) Organization providing training

School of Engineering, Tohoku University

(Professor Muneyoshi Yamada, Department of Applied Chemistry)

(3) Research topic

Fundamental research related to basic performance of hydrogenation purification catalysts

(4) Schedule: September 20 - December 12, 2001

3. Data - Research Report

3.1 A study of Chemical Change of a Solution Inside a Crevice in a Diluted Bulk Solution

Dr. Mohammed Ismail Abdulsalam

3.2 High Severity Fluid Catalytic Cracking Demonstration Plant Design

Mr. Abdulgader Abdulaziz Maghrabi, Mr. Muhsin D Al-Khudhairi

3.3 Research Report For The Japan Petroleum Institute by Dr. Shakeel Ahmed, August 2001

Dr. Shakeel Ahmed

3.4 Petroleum-related Test Analysis Training Report

Mr. Abdul Majeed Al-Mutawa, Mr. Abdullatif Dashti

3.5 Studies for the improvement in basic performance (Hydrodesulfurization, Aromatic Hydrogenation and Hydrocracking) of Hydrorefining Catalysts

Mr. Nasser M. D. Al-Harbi