

REFRACTORY WORKSHOP 2010

The 2010 refractory workshop was held in Rayong, Thailand on 21st to 22nd October 2010. The workshop was judged a great success by both participants and presenters with everyone contributing to a very useful exchange of information.

For the very first time, Industrial Services Pte Ltd (Subsidiary of Hai Leck Engineering Pte Ltd) managed to gather the various refineries in Thailand for a workshop. The previous experiences with workshop conducted are usually for individual clientele, such as Pertamina, SRC and Shell. For the 2010 workshop in Thailand, we are pleased to be accompanied by SPRC, PTT AR, IRPC and ThaiOil. The participants represented a big sector of the industry. This gave good opportunities to share knowledge both within and across region.

The objective of the workshop is to promote and share the knowledge of refractory works and, strengthening the ties between the refineries in Thailand and Industrial Services Pte Ltd (ISPL). Holding a refractory workshop takes extraordinary and specialized skills; currently there are limited experts in Asia whom have the necessary knowledge and experience. The workshop addresses this problem by providing specialist training to staff members new to refractory works.

The organizers kicked-off the training with a classroom session, covering the basics of refractory, the different types and commonly used types in petrochemical industry, etc. All notes were specially prepared; all workshops conducted are similar yet different as each individual client in different countries has different criteria.

The highlight of the workshop was the hands-on practical session where participants put their muscles to the test. The organizers set up stations such as gunning, ramming and brick-laying. Participants got to experience operating a pneumatic gunning machine and holding the gunning nozzle. Participants managed to get first hand feeling of the pressure going through the gunning nozzle and what it takes to hold it in position. They also went through what seemed like an easy job of hand-packing phosphate-bonded refractory and understanding the importance of good formwork for brick-laying. Although it was nothing close to an actual work site environment, participants got a feel of being a refractory worker. They experienced how tough and difficult it is to install refractory. They felt, learned and experienced how skillful a refractory worker had to be and the amount of effort to complete a quality job.

The session closed with a debrief and feedback by the participants. Each individual participant was given a certificate of participation to remember the two days with us.

Industrial Services would like to thank the following participating companies for making the refractory workshop 2010 a success.

Partner:

Harbison-Walker Refractories Company

Participating Organization:

Star Petroleum Refining Company

Thaioil Public Company Limited

Integrated Refinery Petrochemical Complex Public Company Limited (IRPC)

PTT Aromatics and Refining Public Company Limited (PTTAR)

