

# Update



Germanischer Lloyd  
Offshore and Industrial Services

No. 0105 June 2004

## **New Project in Petrochemicals for GLO Qatar Qatar Petroleum Linear Alkyl Benzene Project LAB**

Germanischer Lloyd Doha was awarded the Third Party QA/QC Inspection Services of the Project recently, where GL Doha successfully completed the TPI Services for the QP Refinery Expansion Project (NODCO) during 1999-2002.

The QP Linear Alkyl Benzene LAB Project, one of several significant projects in Qatar, has great economic potential with minimal environmental impact.

The plant will produce as a by-product, heavy linear alkyl benzene, the main element in oils used in mechanical equipment including auto oils.

The LAB complex is designed to produce 80,000 metric tonnes (MT) of normal paraffin and 100,000 MT of linear alkyl benzene annually, and also produce about 36,000 MT per annum of benzene to be extracted from treated pye-gas from QAPCO and Q-Chem, which would reduce environmental pollution and enforce compliance with international and local standards.

The LAB Project will consist of seven process units in addition to storage tanks for middle scale and finished products, various facilities; loading arms for export of products, and auto-control systems.

The LAB Project will cater for all plant requirements including storage tanks, export trains, loading berths and arms.

Linear alkyl benzene produced by the LAB complex would be exported to the Middle East and Asia and used locally whenever required.

The EPC contract of the plant was awarded to LG E&C of Korea, with a total contract value of US\$ 235 million, and the plant is due to be commissioned in March 2006 according to its fast track schedule.