



**SCIENTIFIC DESIGN COMPANY, INC.**

*A SABIC – Süd-Chemie Partnership Company*

## **NEWS RELEASE**

**SCIENTIFIC DESIGN COMPANY  
ANNOUNCES START-UP OF WORLD'S LARGEST MEG PLANT  
FOR  
EASTERN PETROCHEMICAL COMPANY**

**LITTLE FERRY, NEW JERSEY ----- October 2, 2009**

Scientific Design Company, Inc. (SD) today announced the successful start-up of the Eastern Petrochemical Company's (SHARQ) monoethylene glycol (MEG) plant at Jubail, Saudi Arabia. All performance guarantees have been met. This is the world's largest MEG plant with a design capacity of 700,000 mt/y. SD's participation in the project included the license of SD's ethylene oxide/ ethylene glycol process technology, the provision of a process design package, technical assistance and start-up services, and the initial charge of SD's ethylene oxide catalyst.

With close cooperation among SHARQ SD and Samsung Engineering Company Limited (the EPC contractor), start-up was successfully completed from feed-in to full rates of on specification MEG within 8 days. This is the fifth SD licensed and designed MEG plant to go into commercial operation in Saudi Arabia since 1985