

HYDROGEN MANUFACTURING UNITS

APPLICATION SHEET

APPLICATION OVERVIEW

Hydrocrackers require large volumes of Hydrogen Gas for the cracking process to produce the various hydrocarbon chains. Hydrogen manufacturing units are integral to the refining process for production of quench gas and purge gas. A typical hydrocracker can use as much as 140 tons of Hydrogen per day. Hydrogen is recycled to optimize the hydrogen units.



KATES SOLUTION

The tremendous volumes of hydrogen needed in the refinery requires flow control of the hydrogen gas to prevent waste and to meet process system requirements for reactions. Kates Flow Controllers allow for consistent process flow as the complex refinery demands change throughout the plant. This provides both efficiencies in production and effectiveness in the processes.

