

**Hydrocarbon Processing – The Solutions Start Here**

**Oil and gas exploration...refineries... petrochemical/chemical plants... gas processing units...distribution networks.** Performance expectations for each of these hydrocarbon processing industry (HPI) operations have never been greater. Key to achieving and maintaining this performance level are the many gases so critical to this multipurpose industry. Meeting today's complex hydrocarbon processing challenges requires more than a reliable, single-source supplier of industrial gasses. It takes a total solutions company like Praxair.

As a world leader in manufacturing and distributing atmospheric, process and specialty gases, Praxair is uniquely positioned to apply unparalleled systems and resources to create innovative, cost-effective solutions for the hydrocarbon processing industry – now and in the future.

Praxair hydrocarbon processing solutions will help improve productivity, increase capacity, reduce emissions and enable performance monitoring and tracking. From bulk quantities to 17-liter portables, Praxair offers the largest selection of gases, containers, and delivery systems in the industry.

Praxair customers worldwide rely on our extensive supply capabilities, high-quality processes, vast distribution network and unequalled commitment to customer service and satisfaction. Pipeline and on-site production...bulk, tube trailer, and cylinder supply...a complete line of equipment and accessories--Praxair offers a full spectrum of products and services to meet your needs.

**Centers of Excellence**

To effectively service North America, Praxair has three centers of excellence dedicated for hydrocarbons. These centers are located in Geismar, Louisiana; Edmonton, Alberta, Canada, and Mexico City, Mexico. Each of these centers have advanced cylinder treatment capabilities, state of the art blending systems, and analytical equipment to effectively service the HPI market. They are supported by specialty gas experts who are actively involved in the HPI market. Other support comes from Praxair R&D, where teams of scientists are dedicated to the development of specialty gas products and services.

**Industry Wide Association Interface**

Most customers have individual needs, but in some cases problems are evaluated and resolved under the umbrella of a trade or industry wide association. Praxair works with many of these organizations, including ASTM D-2, D-3, GPA, WSPA and API.

**Experience the Praxair Difference**

Increased efficiency, reduced energy costs, environmental compliance, the most dependable industrial and specialty gases supply and service in the industry. Only one source can dedicate so many resources to give you the edge you need in these increasingly challenging times – Praxair, the hydrocarbon processing industry's total solutions supplier.

**Refining**



Refiners worldwide rely on Praxair's extensive product capabilities, high-quality processes, vast distribution network and unequalled commitment to customer service and satisfaction. Pipeline and on-site production...bulk, tube trailer and cylinder supply...a complete line of equipment and accessories – Praxair offers a full spectrum of products and services to meet your needs.

*Please refer to page E13 for in-depth information on the products that support the refining industry.*

**Natural Gas**



From the well head to the power plant, Praxair delivers products and services needed by the natural gas industry. Supported by the most extensive distribution network in North America, Praxair is dedicated to exploring new and innovative solutions to the nation's energy and natural gas demands

*Please refer to page E14 for in-depth information on the products that support the natural gas industry.*

**Petrochemical**



Praxair's specialty gases production facilities provide products for petrochemical and petroleum related products. Including a wide range of both pure organics and mixtures and the delivery systems to support them, Praxair is the hydrocarbon processing industry's premier supplier.

*Please refer to page E15 for in-depth information on the products that support the petrochemical industry.*