

WATER TECHNOLOGIES

# Refineries

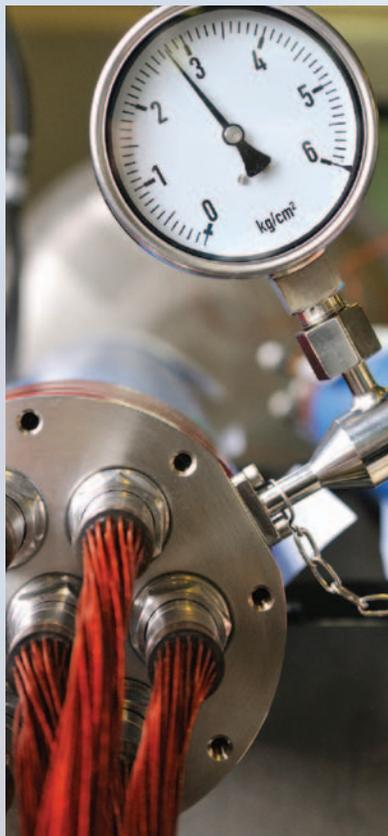
# Buckman

Commitment makes the best chemistry.



## Refineries

Maximize petroleum production.  
Minimize cost.



Rely on advanced refinery solutions from Buckman.

**It's not just about refining oil; it's about refining the processes you use, too.** That's where Buckman comes in. We provide water treatment solutions, process chemistries, heat exchanger management, and more to help improve operational efficiency throughout your plant. By keeping your water systems clean, protecting desalination and reverse osmosis equipment, improving overall runnability, and extending the time between shutdowns, we help you maximize output while minimizing the use of resources, from energy to parts to man-hours.

In short, we help you create more energy and waste less.

# Get the support you need from the CDU to the final product stream.



**The most important lines in your refinery are the lines of communication.** Through constant communication, Buckman becomes your link to a world of resources. Our partnerships with other leading edge providers give us the ability to offer you one of the most comprehensive refinery solutions programs in the industry. Our field and technical support provides hands-on, seamless services, supplies, and expertise. Our state-of-the-art software and electronic tracking programs allow us to monitor and fine-tune applications for best results. And our training keeps your production staff knowledgeable and productive.

## Comprehensive solutions

- Crude oil management
- Desalting
- Emulsion breaking
- Corrosion control
- Antifouling
- Coke minimization
- Hydrogen sulfide reduction
- Defoaming
- Anti-oxidant applications
- Scale control
- Cleaning
- Emissions abatement
- Fuel additives

- Product performance enhancement
- Microbiological growth control

## Risk management

We work hard to reduce your risk even as we work to increase production. All of our procedures and applications, including those acquired from our partnership providers, are screened in sophisticated laboratories around the world to ensure compatibility and superior performance. Every product is tested and approved in accordance with global specifications and certified standards. And every application is handled with an emphasis on plant safety. Rest assured that we have ISO accreditation for our Quality, Environmental, and Safety management systems.

## Buckman Green

### Our color. Our commitment.

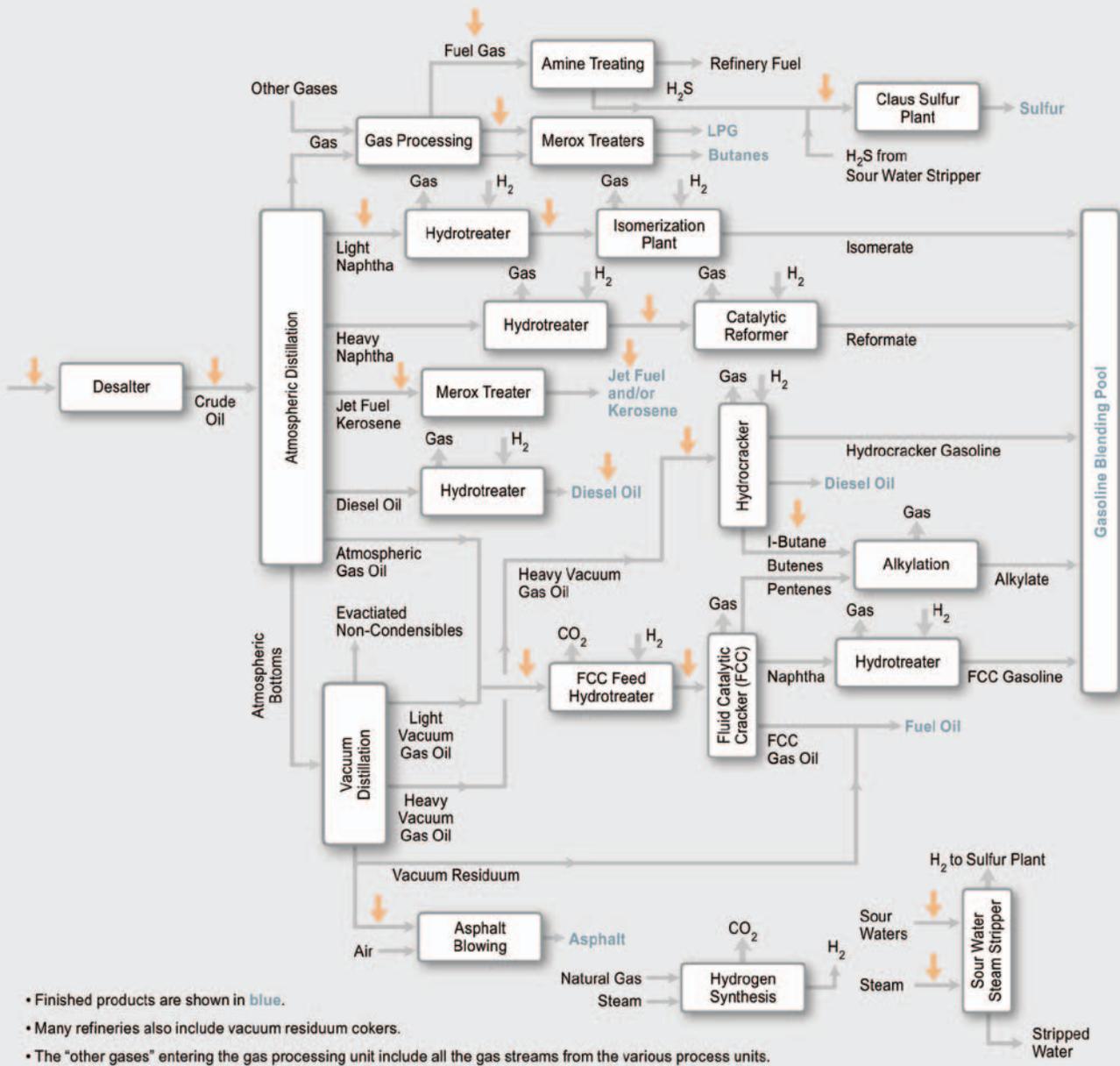
At Buckman we take our global citizenship seriously. In fact, we have established Buckman Green, a comprehensive approach to environmental stewardship, social leadership, and financial responsibility. By producing green chemistries and energy-saving solutions, Buckman is finding the sustainable path forward for our customers and for ourselves.

## Learn more

Ready to refine your operation with refinery solutions from Buckman? Find out more. Contact your local Buckman representative, or visit us at [buckman.com](http://buckman.com).



## Crude Oil Refinery Flow Diagram Showing Process Chemical Additives



Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE**. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. W802W (05/11)

Buckman in Argentina, Australia, Belgium, Brazil, Canada, Chile, China, India, Japan, Korea, Mexico, Singapore, South Africa, and USA  
 Global Headquarters at 1256 N. McLean Blvd., Memphis, TN 38108, USA • Phone (901) 278-0330 / Fax (901) 276-5343 or call 1 800 BUCKMAN in the USA • knetix@buckman.com  
 Canada office at 351, Joseph-Carrier, Vaudreuil-Dorion, QC J7V 5V5, Canada • Phone 1 450 424-4404 or call 1 877 282-5626 in Canada • canada@buckman.com