



PureChem[™]
Services

H₂S SOLUTIONS



FULL SERVICE PROVIDER H₂S SOLUTIONS

OUR INDUSTRY EXPERTS DELIVER ENGINEERED PROGRAMS RESULTING IN MAXIMUM EFFECTIVENESS IN SOUR GAS REMOVAL

PureChem is a full service provider in the H₂S scavenger market with an offering of:

- Patented H₂S chemistry
- Both standard and custom towers
- Full in-house project management, from system design to installation and training
- Delivery of new chemical and disposal of spent chemical

IN-HOUSE MANUFACTURING OF OUR PATENTED TRIAZINE-BASED SCAVENGERS

PureChem is the only full service basic manufacturer of triazine based liquid scavengers in Western Canada. Our facility in Nisku, Alberta is ISO 9001:2015 certified.

Our H₂S scavengers are a proprietary blend of alkanolamine aldehyde condensates and patented additives designed to perform effectively in systems exposed to a diverse range of operating conditions. Our team of dedicated specialists has extensive experience in providing H₂S solutions and our growing product line includes:

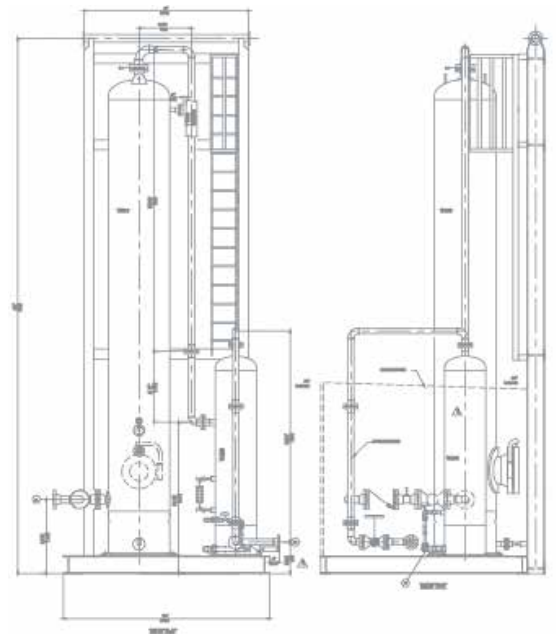
- Patented high temperature scavengers
- High capacity scavengers
- Low pressure scavengers
- Versatile H₂S scavenger formulations



DESIGN AND BUILD SERVICES

PureChem has inventory of standard units for the most common applications, if your application calls for a custom unit, we can design a system to meet your requirements. Our service typically spans the entire life of the project and includes:

- Initial system sizing
- Budgetary estimates
- Engineered design
- System HAZOP assessment
- Project management of equipment fabrication
- Monitoring and reporting



MOST COST EFFECTIVE H₂S TREATMENTS IN THE INDUSTRY

SPECIALIZING IN REMOVAL OF H₂S FROM HYDROCARBON GAS AND LIQUID SYSTEMS IN THE FOLLOWING APPLICATIONS:

Heavy oil • Sour gas production • Solution or associated gas • Fuel and flare gas • Vent vapors
Pressure relief systems • Sour NGLs and condensate



SAGD Sulfur Recovery Unit

H₂S SWEETENING EQUIPMENT

PureChem Services provides H₂S sweetening equipment to meet your specific needs. Sizing ranges from large custom build SAGD sulfur recovery units capable of removing multiple tonnes of sulfur a day down to stock 36" and 24" flooded tower systems suited for batteries.

PureChem Services offers both traditional tank vent scrubbers and counter current scrubbers suitable for when a low pressure sweetening solution is required.

CORPORATE

CES Energy Solutions is a leading provider of technically advanced consumable chemical solutions servicing the North American oil and gas industry. Since its initial public offering in March 2006, CES has grown through organic growth as well as through strategic acquisitions of companies who shared CES's approach to customer service. CES trades on the TSX under the symbol CEU and is quoted in the United States on the OTC under the symbol CESDF.

MANUFACTURING - Facilities in Carlyle, Nisku, Grande Prairie, and Kansas guarantee both the quality and supply of our products to the end user.

ANALYSIS AND R&D - Laboratories in Calgary, Carlyle, Nisku, Drayton Valley, and Grande Prairie enable us to provide rapid responses to customer needs and develop new products.

SERVICE - Our service technicians are well versed in the proper handling and application of our products. We can ensure the chemicals perform as they are meant to.

LOGISTICS - With a diverse fleet of delivery vehicles, we can control timely delivery of product to site.

OVERVIEW



VERTICAL INTEGRATION = SUPERIOR CUSTOMER SERVICE



PureChemTM Services

HEAD OFFICE

1400, 332 6th Avenue SW
Calgary, AB T2P 0B2
403.269.2800

PRODUCTION FACILITY

Hwy 9 South, Box 1089
Carlyle, SK SOC 0R0
306.453.4414

BLEND PLANT - NISKU

1404 8th Street
Nisku, AB T9E 7M1
780.955.3050

BLEND PLANT - SCAVENGER

1302 5th Street NW
Nisku, AB T9E 7R6
780.955.3596

BLEND PLANT - GRANDE PRAIRIE

9701 163th Avenue
Grande Prairie, AB T8X 0B6
587.495.7211

For a complete list of locations
and contact information,
please visit us at:

www.purechemservices.com