

Leading Provider of H₂S Solutions
in Oil and Gas Applications



Full Service Provider for H₂S Solutions

Scavengers

Full System Design

Tower Rental and Purchases



*The most cost effective
H₂S treatments in the
industry*

**Specializing in the removal
of H₂S from hydrocarbon gas
and liquid systems including
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

**PURECHEM STRIVES TO
DELIVER CUSTOMIZED
SOLUTIONS THAT MEET OUR
CLIENTS' NEEDS AND EXCEED
THEIR EXPECTATIONS**

**PURECHEM IS THE ONLY TRUE "FULL
SERVICE" PROVIDER IN THE H₂S
SCAVENGER MARKET BY OFFERING:**

- 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. PureChem's growing product line includes:

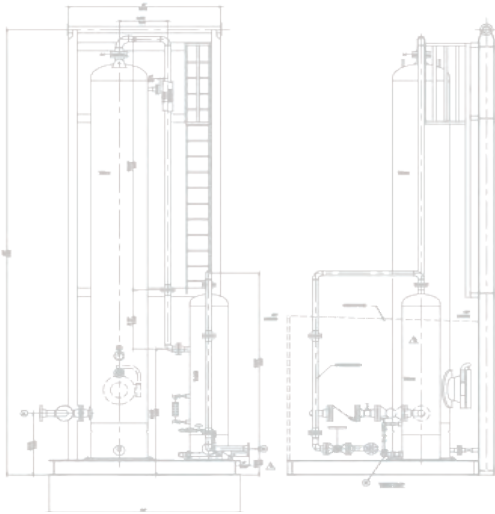
- Patented high temperature scavengers
- High capacity scavengers
- Low pressure scavengers
- Versatile H₂S scavenger formulations

Our industry experts offer fully engineered programs delivering maximum effectiveness in sour gas removal.

DESIGN AND BUILD SERVICES

PureChem has an 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



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.



SAGD Sulfur Recovery Unit



Counter Current Scrubber

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

COMPANY PROFILE

CES Energy Solutions offers a full suite of oilfield chemicals through its various business units across North America. CES boasts two core businesses; a drilling fluids division and a production and specialty chemical division. The Canadian drilling fluids division, Canadian Energy Services, claims a third of the drilling fluids market share in Canada. PureChem Services was formed internally in 2011 and has rapidly grown into a major supplier of production chemicals in the Canadian market.

Our US counterpart, AES Drilling Fluids, continues to garner a healthy portion of

the US drilling fluids market. Jacam and Catalyst have been in the US production chemical business for over 30 years and continue to thrive.

CES' vertically integrated business model includes a network of manufacturing and blending facilities, reactors, laboratories, R&D centers, transportation and service fleets and environmental services.

The company has attained ISO 9001:2015 certifications on most of the manufacturing facilities and continues to work towards certifications as new plants are put into production.

CES trades under CEU on the TSX.

Drilling Fluids

Completions

Stimulations

Fracturing Acids

Production Chemicals

Pipeline Treatments

Research and Development

Transportation and Logistics

