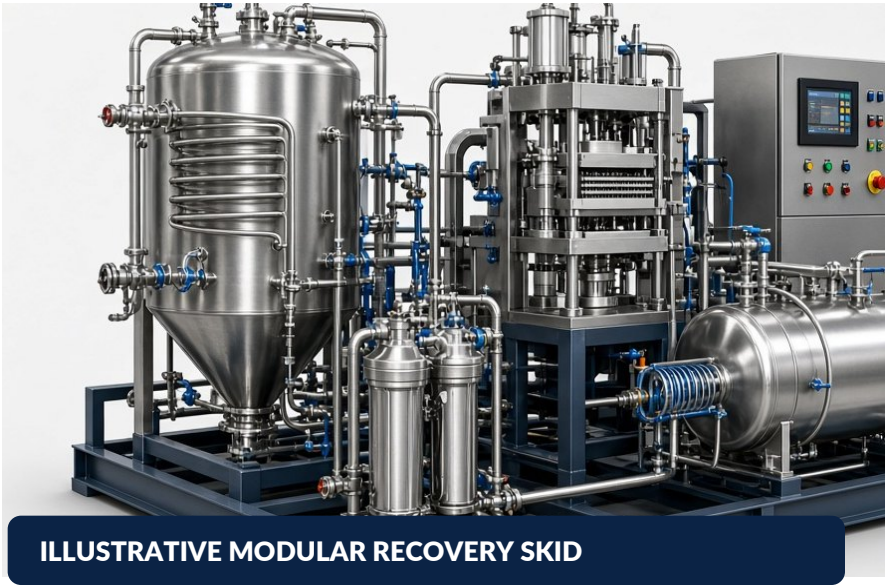
THE SULFAGUARD PLATFORM

A smarter way to manage H2S treatment.

One-pass treatment and regenerative recovery options evaluated on total applied cost, not chemical price alone.

ENGINEERED FOR AUTONOMOUS OPERATION

Telemetry-enabled central control, with no dedicated on-site personnel required for routine unit management.



ILLUSTRATIVE MODULAR RECOVERY SKID

ESSENTIAL

MEA-triazine benchmark

CORE SHELL G

High-performance one-pass

CORE SHELL Z

Regeneration + recovery

ONE PLATFORM. THREE PATHWAYS. CUSTOMER-SPECIFIC ECONOMICS.

Modeled $100,000 recovery-skid installed-equipment basis includes the automated press.

Equipment rendering is illustrative, not an as-built photograph.

THREE TREATMENT PATHWAYS

Choose the treatment architecture that fits your operating objectives.

01

SULFAGUARD ESSENTIAL

MEA-TRIAZINE BENCHMARK

- One-pass H2S treatment
- Fresh chemical delivery to field
- Spent-liquid handling and disposal
- Potential solids handling and cleaning

02

CORE SHELL G

ONE-PASS PERFORMANCE

- Customer-entered quoted price
- Fresh chemical delivery to field
- Spent-stream disposal allowance
- Designed for lower chemical dose in model

03

CORE SHELL Z

REGENERATION + RECOVERY

- Modeled solvent reuse and recovery
- Variable regeneration operating cost
- Fixed maintenance and technical support
- Installed-equipment lease economics

REMOTE OPERATIONS, DESIGNED INTO THE PLATFORM

Engineered for autonomous, telemetry-controlled operation from a central off-site hub - with no dedicated on-site operator required for routine unit management.

Maintenance, commissioning and site safety requirements remain application-dependent.

SulfaGuard technology selection requires feed characterization, site review and performance validation.

COMPARE TOTAL APPLIED COST

Illustrative model, USD per pound of H2S removed | 35% active MEA benchmark | illustrative Core Shell G price

	ESSENTIAL	CORE SHELL G	CORE SHELL Z
50,000 lb / year Annual applied cost	**$226,781** $4.54 / lb H2S	**$143,650** $2.87 / lb H2S	**$64,120** $1.28 / lb H2S
150,000 lb / year Annual applied cost	**$680,342** $4.54 / lb H2S	**$430,950** $2.87 / lb H2S	**$102,755** $0.69 / lb H2S

MODEL INPUTS

One-pass: $0.55/lb Core Shell G quote; $0.15/lb spent-stream disposal; $0/lb inbound freight. MEA solids allowance: $0.25/lb H2S.

REGENERATIVE CASE INPUTS

$100,000 installed skid incl. press; 60-month lease at 30% modeled IRR; $8,500/yr fixed support; $0.38635/lb H2S variable regeneration.

YOUR H2S TREATMENT ECONOMICS

A practical, customer-led evaluation in minutes.

OPEN THE INTERACTIVE CALCULATOR

01 Enter your annual pounds of H2S removed.

02 Adjust chemical quote, delivery and disposal costs.

03 Review all three annual costs and export the comparison.

CLICK THE CALCULATOR IMAGE TO LAUNCH



OPEN INTERACTIVE CALCULATOR →

INCLUDED IN THE DIGITAL CUSTOMER PACKET

01_SulfaGuard_Customer_Evaluation_Packet.pdf

02_SulfaGuard_Interactive_Calculator.html - self-contained; works offline

NEXT STEP

Send us your current H2S loading, treatment method, chemical pricing and waste-disposal assumptions. We will review site constraints and prepare a tailored technical and commercial assessment.

CHEMICALIP.COM | REQUEST A CUSTOMER-SPECIFIC EVALUATION