



POWERED BY INNOVATION

LIFTERATOR™

WITH THE LIFTERATOR™ COLUMN,
GLYCOL DEHYDRATION IS LIFTED
TO NEW HEIGHTS

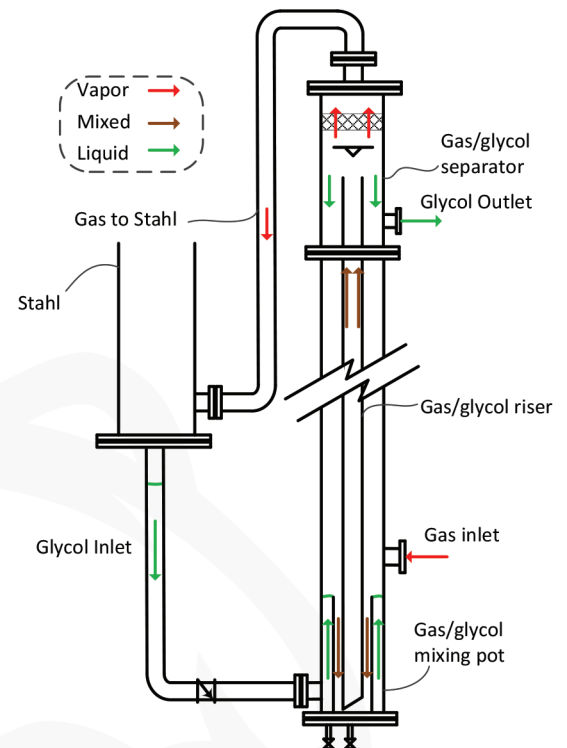
Instead of accepting poor lean/rich exchanger performance the Lifterator™ Column lifts glycol from exiting the stahl column to increased height. The higher elevation allows for pressure to drive the glycol through the lean/rich exchanger, surge vessel, and other downstream equipment. In addition, an extra equilibrium stage of contact is achieved further drying the lean glycol and heating the stripping gas upstream of the stahl column.

Improved performance lean/rich exchanger can be installed which provides the following benefits:

- About a 33% reduction in reboiler duty
- Elimination of the lean gas cooler
- Eliminate insulation requirement for the surge tank

HOW IT WORKS

Glycol exits a stahl column and descends into a gas/glycol mixing pot. It mixes with stripping gas that enters the mixing pot at a higher elevation. The gas and glycol mix reducing the fluid density. The mixed fluid rises into the gas/glycol separator where the gas and liquid separate.



FEATURES

- No moving parts
- No controls
- No instrumentation required
- No added power required; stripping gas pressure powers the Lifterator™ Column

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