



H₂S & DESICCANT POTS

Application Sheet #14

CUSTOMER **VALUE**

SITUATION

- On a site with H₂S gas present in the process, Rife Resources was using Desiccant Pots to sweeten the line.
- Due to the amount of H₂S present in the process Rife was having to change out pots weekly at a cost of approximately \$2,500 per replacement.
- When the pots became saturated with H₂S they would emit an odor which was potentially harmful to workers in the area.

SOLUTION

- Sirius supplied a reliable system which was able to accurately inject 20 Litres of H₂S scavenger per day into the well; which, could sweeten the gas before reaching desiccant pot.
- The electrically controlled, accurate rates of the system allowed Rife to fine tune the injection level per specific application.

Remove H₂S Odor.
Save money on
replacing desiccant
pots.

RESULTS

- By sweetening the gas with H₂S Scavenger before the Desiccant pot, the Sirius system extended the run life of the pots. This saved Rife on the cost of replacement pots every other week, a value of approximately \$65,000 annually.
- The prolonged life of the pots allows operators a better opportunity to accurately monitor the H₂S saturation levels of the desiccant pots. As a result the operator is able to replace pots before any potentially harmful odors become present. This has created a safer work environment for the Rife operators.



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