

H2S Reduced at Gas Plant with MC B-8650 & MC B-8900

Filter Changes Reduced from Every 4 Hours to Every 4 Days

BACKGROUND

This scenario took place at a high volume gas plant in Uinta County, Wyoming. The operator was starting to acquire a lot of H2S in the plant. After some Drager tubes and copper strip tests it was determined that treatments were required in the field to save the plant.

ISSUES

An operator had too much H2S in the gas plant. The mercaptans showed as very high on the copper strip tests.

ANALYSIS

The operator asked Multi-Chem to determine a chemical solution which would clean up the H2S in the field. High H2S in the plant meant that the operator would be fined at sale because of high mercaptans.

RESOLUTION

Multi-Chem set two continuous injection points of MC B-8650 biocide on two wells, with a continuous injection point of MC B-8900 biocide at the customer's Slug Catcher. This effectively reduced the H2S levels in the field and subsequently, at the plant, putting the sales gas within the specs.

DELIVERED VALUE

The operator was able to save a lot in fines from selling gas with high H2S. Additionally, the operator is saving a lot on filters in their SWD system by changing them once every 4 days. Prior to the biocide program, the filters were being changed 6 times a day.

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Global Technology Center

World Houston International Business Center
15865 International Plaza Drive, Suite 200
Houston, Texas 77032 USA

(800) 805 9178
(325) 223 6200
(325) 942 7500 FAX

www.multichem.com