

Studies about the H₂S and sulfides removal from wastewater

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Abstract The sour crude oil processing leads to the discharge of wastewater having a high H₂S and sulfides concentrations. This paper present the experimental studies performed to remove the H₂S and sulfides from polluted water using the physico chemical treatment. We realised two kind of experiments: the oxidation with air in different conditions and the coagulation flocculation with lime and ferrous sulfate in different conditions. The obtained removal efficiencies are between 90 and 99%.

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