

## عنوان مقاله:

Corrosion Strategy in Oil Field System

## محل انتشار:

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## خلاصه مقاله:

Crude oil is the main economic supply in many countries. Corrosion has been considered as the first fatal factor destroying the crude oil plants such as crude oil equipment, oil wells, separation vessels, storage tanks, and pipelines. This is the main reason encouraging many companies and researchers to develop new technological methods to manipulate corrosion. In this review, we discuss the types of corrosion, corrosion control methods (chemical and non-chemical methods), corrosion removal methods and corrosion monitoring process (direct and indirect measurement of corrosion). In addition some perspectives on SRB bacteria, types of inhibitors and gases removal methods were provided.

## کلمات کلیدی:

Corrosion. Scale corrosion, Corrosion inhibitor, Corrosion coupons, Sacrificial anodes, Cathodic Protection, SRB bacteria, H<sub>2</sub>S scavenger, O<sub>2</sub> scavenger

## لینک ثابت مقاله در پایگاه سیویلیکا:

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