

REFINERY OILY SLUDGE MANAGEMENT

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ABSTRACT

In this article an approach for the oily sludge management from refineries according to Greek and European Union legislation is presented. The oily sludge produced from 89 European refineries represents the 0,19% of crude oil processed. The characteristics of the oily sludge varies significant from different type of refineries and production sources. The leaching test is a good evaluation of the oily sludge behavior to the environment. Alternative methods for the disposal of oily sludge treatment and disposal are presented. A case study for the management, treatment and disposal is described.