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## Oil & Gas

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### Introduction to oilfield chemicals: Production chemicals used in Zakum field

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The introduction of oilfield chemicals and production chemicals used in Zakum field represents the topic and explanation of general problems with the oil production, problems caused by fouling, souring, problems caused by physical properties foaming, emulsion, viscous flow, problems caused by incompatibility of mixing fluids, problems that affect the structural integrity of the facilities, and safety of workforce, environmental issues, chemical injection solution, only trace amount of residual chemical will remain in the solution these chemicals can be injected as batch or continuous. The topic for the presentation also represents with the production chemicals used in typical package in the

oil field and it also explains the production water impurity and how to track and it will also explain the produced water reinjection, productivity and cost of chemicals.

#### Speaker Biography

Ahmed Mohamed Al Dhuhoori- Corrosion Engineer working in ADNOC Offshore. He Holds a bachelor degree in Chemical Engineering (2008) and NACE Certificate in CP, coating inspection, Internal corrosion of pipeline. He works as field engineer as Integrity engineer in the department of Plant Asset Integrity in different fields (upper Zakum , Zirku field).

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