



InFocus™ Unit Monitoring Tool can help avoid unplanned shutdowns and lost production

Energy lives here™

Challenge

Avoiding shutdowns due to lack of experience and poor knowledge transfer

A large refinery frequently rotates personnel to give them broader experience. Frequent engineering personnel changes result in sub-optimal knowledge transfer and reduced operational experience of the dewaxing technology.

An engineer inexperienced with the operating unit was unaware of a non-standard operating mode which resulted in an unplanned shutdown and three days of lost production. Additional risks of transient/emergency events include channeling/internals damage due to flow reversal, environmental/flaring events and catalyst activity loss during an emergency depressure scenario.

Solution

Implement InFocus™ Unit Monitoring Tool

Online Monitoring enables the user to view data in the cloud. The platform enables ExxonMobil experts to provide guidance on operational data and events. This information will also facilitate training and provide continued guidance along with corresponding upset, process, or mechanical event notations. In addition to being useful in maintaining unit history, it will also facilitate training and knowledge retention from predecessor to successor. Online Monitoring, via historical notes and collaboration, could have made the new engineer aware of certain operating conditions which would have precluded a particular operating mode, which led to an unplanned unit shutdown and three days of related production loss.

Enhanced personnel training

The InFocus unit monitoring tool enables timely technical insights to improve process performance. Drawing on our breadth of technical and operational experience, the monitoring tool provides you with:

- Easier access to ExxonMobil expertise
- Early identification of potential concerns
- More meaningful analysis

Collaborate with us today.

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