Production Loss Analysis

The Operational Sustainability, LLC® (OS) Production Loss Analysis (PLA) Module enables organizations to compare planned production to actual production and uncover the root causes (e.g., availability, performance, quality, etc.) of any losses. Recommendations based on those root causes are tracked to completion within the OESuite™ platform.

It is difficult to accurately track and analyze losses using conventional methods, especially those losses caused by minor interruptions. Production data from the historian feeds directly into the PLA Module and can generate a root cause investigation in the Incident Management Module. Within OESuite, users can perform Pareto analysis, and calculate Overall Equipment Effectiveness (OEE). Maintenance can establish Integrity Operating Windows per API 584 to ensure that as abnormal situations arise, operators can take action to avoid unnecessary equipment damage and stay within safe operating limits. If conditions persist for extended periods, OESuite enables you to see new damage mechanisms as they are introduced. If an operating limit is exceeded, action can be taken to address the consequences of deviation and to shut down if necessary.

The OESuite platform enables operations to calculate the cost of downtime (e.g., repair cost, delays in getting spare parts, production costs) to get back up and running as quickly as possible to maximize profits. For more advanced analysis, we offer a choke model that looks at theoretical and installed production capacity in our Incident Management Module. As you optimize your processes and improve your production yield, we recalculate your key variables to ensure continued optimal performance, while our environmental compliance modules ensure that you stay within your permit constraints.
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Features

- Process templates
- Incident classification
- Integrity Operating Windows
- Configurable event triggers
- Choke Model
- Action Item Tracking
- Safe Operating Limit and Consequence of Deviation monitoring
- Connectivity to leading historians such as OSIsoft® PI or Aspen Tech IP21®
- SAP® NetWeaver Connector

Extended OESuite™ Modules

Incident / Event Management
CAPA / Action Item Management
Integrity Operating Windows (IOW)
Management of Change
Asset Health
Operator Rounds
Operator Logs

For more information email us at info@DrivingOE.com or call (713) 355-2900.