Inspection Management

The Operational Sustainability, LLC® (OS) OESuite™ Inspection Management (IM) Module is a powerful asset integrity solution for proactive monitoring of facilities. Our solution helps clients track qualitative and quantitative inspection information including process safety information (i.e. isometrics) to monitor health and remaining life of fixed assets, piping and valves. Our Inspection Data Management System (IDMS) consists of four core components including scheduling, thickness monitoring, testing / calibration, and surveys. The scheduler feature allows clients to create resource loaded networks, while tracking planned vs. actual inspection activities and due dates for turnarounds. Clients can drag and drop inspection tasks to specific resources or job roles. The survey function allows companies to create visual internal and external inspection protocols. In the event that a piece of equipment requires repair, re-rating, replacement or re-engineering, a seamless Management of Change (MOC) review will be triggered within the OESuite MOC Module. The MOC process helps assure that the change is properly evaluated for safety and operability prior to implementation. In addition, we support integration to computerized maintenance management systems such as SAP PM, Maximo, DataStream and Oracle eAM.

OESuite has a robust asset registry where all of the equipment properties can be stored (i.e. diameter, horsepower, Specific Gravity, Allowable Stress). The master equipment list forms the basis for all other OESuite modules.

The powerful equation editor allows robust calculations (i.e. remaining half-life, next inspection date) and analysis. We enable both structural and pressure Tmin calculations for piping, tanks, boilers and vessels. We store a library of materials codes (i.e. ASME, API), and piping specifications. Different methods can be applied to calculate corrosion (i.e. short-term, long-term, best fit). We also offer users the ability to track calibration and testing information including valve inspections.
Our email agent allows data and event driven triggers to be sent to your email so you don’t have to filter through mounds of data to find out when things are due or if you have exceeded a 1/2 or 3/4 life.

We have powerful dashboard and reporting solution. Users can create their own customized dashboards on the fly. In addition, we allow you to create a library or reports based upon your specific needs.

Inspection documents can be managed and linked to each piece of equipment including linking of thickness monitoring locations (TMLs) to drawings. Our **Document Management Module** allows users to store and revise the most current documents and to redline P&IDs.

Data captured during the inspection process is available in our **Risk-Based Inspection (RBI) Module** without costly integration. This enables companies to progress from time-based to risk-based inspection.

**Extended OESuite™ Modules**

- Risk-Based Inspection (RBI)
- CAPA / Action Item Management
- Management of Change
- Work Management / CMMS / EAM
- Document Management / Redlining
- Asset Strategy Management
- Asset Analysis (CCD, Lifecycle Cost, Criticality)

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