



Asset Condition Evaluation Tool (ACET)

ACET supports the management of corrosion, inspection and plant integrity processes.

Plan

Schedule work activities and launch workflows

Execute

Implement inspection strategies and gather data

Store

Equipment details, design information and inspection

Analyse

Anomalies, results, data, information and risk assessments

Review

Performance and strategies

Improve

Modify inspection strategy, recommendations and repairs

Core Module

- Store Information and results
- System Navigation

Integrated Planning Module

- Interface between the system and planning tool
- Display inspection information

Inspection Module

- Support NDT inspection methods
- Store inspection data
- Gauge Interface
- Work pack creation
- Auto create anomalies

Analysis Module

- Present data
- Predict corrosion rates and retiral dates

Risk Assessment

- Assess the probability and consequence of failure
- Determine frequency and method of inspection

Workflow

- Standardise work process into systematic steps
- Fully customisable by client

Exceptions Module

- Store failure information, anomalies and repair details

Process Stream Module

- Analysis of temperatures, pressures, fluid type, concentration and flow rates
- Calculate corrosion rates

Monitoring Module

- Probe and coupon monitoring data
- Record equipment service installation and removal details
- Store monitoring equipment details
- Calculate process stream corrosion rates

Gauge Interface Module

- Transfer workscope to gauge
- Electronic transfer of data
- Increase reliability of measured data
- Track all work packs

Multimedia Module

- Attach, view and edit a variety of file types

Reporting Module

- Variety of standard reporting formats
- Excel export

KPIs

- Build KPI definitions and set run frequency
- KPI results presented graphically

Notifications

- Notifications are sent via email
- Displayed during login
- Accessed from the system menu

Maintenance Management Interface

- Bi-directional real time communication
- Launch Workflow

Chemical Sampling & Dosing

- Build chemical sampling or dosing programs
- Import data
- Graphical presentation of results