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PS Asset Integrity Manager® (PSAIM™) 1.5

PSAIM with RBI Module

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Features & Enhancements

PSAIM™ 1.5 with RBI contains the following features and enhancements:

PSAIM RBI module
The PSAIM RBI Module is integrated into PSAIM 1.5 and incorporates over 15 year of development by Siemens and TWI. It automates the fully quantitative methods and procedures of risk-based inspection (RBI) in process plants, according to API RP 580, API RP 581 and semi-quantitative assessment as per industry best practice. It is used to enable the facility operators or owners to establish an optimum inspection strategy; inspection programs; and take maintenance decisions. The PSAIM RBI Module will be sold as a separately priced option which is turned on from the license file and requires PSAIM 1.5 license by the customer.

Calculations - MAOP & Reports
MAOP Calculations and reports for ASME B31.1, B31.3, B31.4, B31.8, B31.11, S8/D1, S8/D2, API 650 CS & SS for determining the limiting pressure from last known thickness.

Calculations - Localized Corrosion
Localize corrosion calculation for Pipe based on B31G. This analysis is used for evaluation of localized corrosion to check the integrity of pipe.

Calculations - Flange ASME
Check the flange rating based on ASME B16.5 to determine the limiting pressure of the Eq/Circ ID.

Calculations - Piping Structural T-min
Beam formula calculator for user input. Piping Size Index chart with nominal thickness and schedules. User option to use API 574 recommended target and default Structural T-Mins.

Material Stress tables updates
Updated the Material Stress Tables with 2014 & 2016 ASME B31.x, 2017 BPVC.

Software Interface
AutoCAD 2017, AutoCAD 2018, Office 2016 compatibility.

Hardware Interfaces

DMS Go Plus & Danatronics ECHO 9 Data Loggers compatibility.

Surface Tablet compatibility check will enable customers to bring the program into the plant when housed in an explosion proof casing.

Technology updates

SQL 2016, 2017 compatibility, Third party software updates.

User Interface

Save message box, TML tool bar update, topology level update, view-edit option, due-date/next inspection date display.

License Metrics & Management Enhancements

New Authorized User Type: Concurrent Users. As of this release, manually managed concurrency will no longer be a feature of PSAIM. Access Rights controlled by PSAIM License: Full Access and Read-Only Access.

License Management Screen, Product Usage Log, Separate License control for PSAIM RBI Module & ERP Utility

Contact

To purchase a license, schedule a demo, plan an upgrade or speak with one of our experts, please contact one of our Regional Sales Managers:

North America
Mr. Gene Cammack (gene.cammack@siemens.com)

Europe
Mr. Dries Goossens (dries.goossens@siemens.com)

Middle East
Mr. Praveen Dhote (praveen.dhote@siemens.com)

Asia Pacific
Mr. Jason Lee (jason.lee@siemens.com)

Siemens Process Safety & Consulting
4615 Southwest Freeway, 900
Houston, TX 77027

1 (800) 658-8809
+1 (713) 570-2900
info.ogconsulting.energy@siemens.com

Customer Support
1 (800) 333-7421
support.industry.siemens.com