

The Process Plugins™ Turbo-Expander Condition Monitor (along with the Process Plugins™ Compressor Condition Monitor's shaft load calculations) uses gas inlet and outlet conditions to calculate the power extracted by the turbo-expander, applicable efficiencies, and shaft losses. These performance indicators are plotted real time with corresponding design curves. The display is a handy tool as it provides a visual display used to quickly identify potential problems with the rotating equipment. Since we know in real time the status of the machine in comparison to the curves we leverage the PI Notifications tools to alert on any predefined alarm condition.

The complete documentation of the Process Plugins™ Turbo-Expander (Expansion Turbine) Condition Monitor is currently under development and will be completed in the near future. If you have an immediate need for a detailed description or need to know the status of testing and availability of any of the Process Plugins™ Solutions, please contact us by one of the methods below. Thank you for your interest in the Process Plugins™ Solutions.

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