

# Thickness Monitoring

Course #1009

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## Course Details

**Length:** 1 day

**Prerequisite:** APM Framework - User

**Benefits:** You will learn how to use Meridium Thickness Monitoring to document and analyze thickness monitoring data.

**Audience:** General Users, Implementers, Administrators



## Overview

### Navigating a Corrosion Analysis Summary

You will navigate an existing Corrosion Analysis Summary to become familiar with the end results of a Thickness Monitoring program.

### Datapoints and Measurements

Thickness Monitoring provides a number of preconfigured forms that you will use to enter datapoints and measurements for a piece of equipment. You will also learn how to upload datapoint information to a datalogger, and in turn, download the resulting datapoint measurements.

### Analyzing Thickness Monitoring Data

You will learn how Thickness Monitoring calculates Next Inspection Date and Retirement Date based on loss of thickness, and how to use the Corrosion Calculator and Minimum Value Calculator to perform Corrosion Analyses.

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### Agenda

#### Thickness Monitoring Overview

- Accessing Thickness Monitoring (TM)
- The typical TM workflow
- Viewing existing datapoints and datapoint measurements

#### Corrosion Analysis Summary

- Accessing a Corrosion Analysis Summary
- Viewing UT Analysis Plots
- Navigating the Explorer
- Using Task Lists
- Using the Quick View to view Datapoints
- Archiving Corrosion Analysis results
- The TM Data Model

#### Datapoints and Measurements

- Navigating the Datapoints and Measurements screen
- Viewing associated datasheets
- Customizing the Measurements grid

#### Adding TML's and Measurements

- Using the Measurement Data Entry tool
- Editing measurements for selected TML's
- Adding a new TML to an existing asset
- Copying a TML and saving it as a new TML
- Adding Measurements to new TML's
- Adding bulk TML's and Base Measurements for a new Asset
- Renewing TML's
- Using a datalogger to send datapoints
- Using a datalogger to receive measurements

#### Corrosion Analysis

- Comparing Corrosion Analysis results to archived results
- Updating analysis settings
- Calculating Minimum Thickness (T-Min)

#### Miscellaneous Tasks

- Printing Quick Views
- Sending information to a Home Page
- Linking a Reference Document
- Viewing Audit information
- Using the Bulk Analyze tool