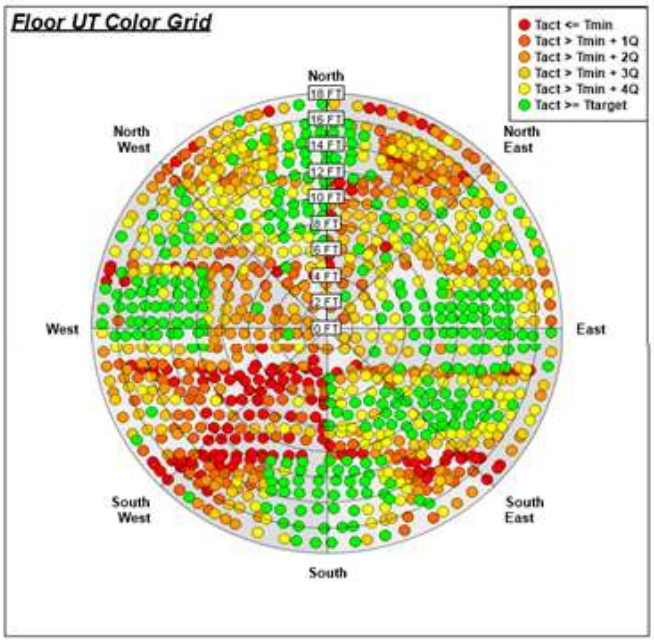
HCI Systems, Inc.
Software Solutions

API Tank MI Time Saving Tool



Example API Tank Floor MI Screen. HCI Systems, Inc.

API tank floors typically have overlap plate welds making a UT crawler difficult to use. The inspector then resorts to taking UT readings individually which may consist of hundreds if not thousands of data points. Using an X-Y coordinate system for the UT data points is problematic because the geometric shape lends itself to a Angular-Radii coordinate system. Either way it is a data gathering nightmare.

So what do you do? Well, you need to get your hands on a Olympus 38DL. http://www.olympus-ims.com/en/38dl-plus/. Using this device you can pre-program your Angular-Radii data points in advance and then take your UT readings in sweeping arcs. OK, so now you have your data points. So where are the time savings?

Well, now you dock your the 38DL to your PC and, with the supplied GageView software application, you can view your data for a reality check. But you are not done yet.

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Olympus Model 38L Datalogger

Now you need another tool called MI Manager, offered by HCI Systems, Inc., http://www.hcisoftware.com/ MI Manager can import the 38DL data directly into the MI Manager database. The data can then been presented visually as shown above. Data point colors are user configurable. Material loss trends can be plotted and end-of-life projections can be assessed.

This technique can be used for all kinds of multi-point MI data gathering applications such as boilers, piping, stacks, etc.

If your current MI application cannot do this, you need an upgrade. Contact us at sales@hcisoftware.biz