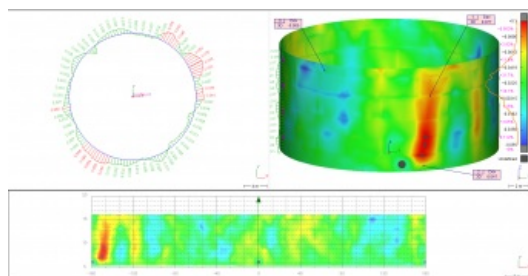# 3DReshaper Adds Plug-in Dedicated to Storage Tank Analysis

In order to ensure that storage tanks meet the regulations and are not degrading, it is necessary to inspect them regularly. 3D scanners are being used increasingly often to analyse tanks and inspect their integrity because they allow the fast and accurate acquisition of a large amount of data.

The new 2016 MR1 version of 3DReshaper has an optional module dedicated to tank analysis and processing. This new module guides the user through the analysis of tanks, using API 650/653 standards.

The tank inspection plugin allows to inspect plumbness, create 3D inspections to detect possible problem areas on the tank by creating a 3D colormap to highlight problem areas. This map can be unrolled and displayed as a 2D colourmap. It can evaluate roundness and verticality by creating section cuts of the tank and display the different sections with exaggerated deviations so that you will be able to detect the slightest anomaly.