Point Conformance Report

Command Description

The Point Conformance Report command is for reporting as-built points against a design points such as piles, columns, boreholes etc. The command gives reporting method options such as tolerance mode and allows text detailing the tolerances to be created using the visualize function.

 At the top of the command pane there is the ability to **load** and **save** a tolerance setting file. Once you have populated the command with the appropriate tolerances and settings for a report you can save it in a file that can be reloaded in the future.

Report tab

As-Built Points	Select the as-built points to use in the report.
Design Layer	Select the layer that contains the design points to report against.
Match mode	Select the method to use to match the design points with the as-built points • **Proximity** – This will use the location of the as-built point and find the closest design point to compare it with. This also uses a **Horizontal search radius** and optional **Vertical search radius** to confine the point selection. • **Id_Exact** – This will match as-built points and design points with the same point ID.

	• **Id_Closest** – This will match as-built points and design points that have point ID's which are the named the most similar. eg. P226 and P226_Asbuilt would match.
Tolerance Mode	Select the mode to use to report with. • **EastingNorthing** – This reports the delta relative to its easting and northing difference between points. • **Distance** – This reports the delta relative to a direct 2d distance between points. • **ChainageOffset** – This reports the delta chainage and offset relative to a line.
Tolerances	Enter a tolerance value in metre units appropriate for the mode used.
Include summary	Check this box to add the header summary and information from the details tab.
Include as-built coordinate	Check this box to add the point as-built coordinate to the report.
Include design coordinate	Check this box to add the point design coordinate to the report.
Include as-built chainage	Check this box to add the point as-built chainage to the report. (Only works if you are using the "ChainageOffset" mode)
Include design chainage	Check this box to add the point design chainage to the report. (Only works if you are using the "ChainageOffset" mode)

Details tab

Title	Enter a title for the report (for example, the project name).
Description	Enter a description for the report.
Reference number	Enter a survey job reference number.
Author	Enter the name of the report's author.
Custom Header	Enter a user defined heading
Custom Text	Enter a user defined text to go beside the Custom header

Visualization tab

Create visualization layers	Check if you want conformance information to be displayed on layers in TBC.
Layer prefix	Enter a prefix to add to layer names.
Text Height	Select the height of the text to be displayed on screen
Text Style	Select the text style for the text displayed on screen
Clear visualization layers	Check if you want the layers to be cleared before adding new data.