



3D Inspector

Stake out – Inspect - Monitorize



3D INSPECTOR

Allterra's 3D Inspector is a solution for a quick and easy stake out, inspection and monitorization of standard and free formed 3D shapes.

OPTIMIZED WORKFLOW

The software guides you to measure the needed points to define each shape to be controlled such us:

- Horizontal plane
- Vertical plane
- Tilted plane
- Cylinder
- 3D Surface
- 3D Polyline

The 3D surfaces are defined by an imported DXF triangulated mesh.

The software calculates in real time the minimal perpendicular distance to each shape to be compared with.

FLEXIBLE

Different offsets can be applied to the surface in order to indicate i.e. formworks and the direction in or outwards.

The use of different prism types such us spherical ones is also supported, as well as prism offset and sphere radius can be indicated.

The inspected points can be recorded together with visual lines in the 3D view and several attributes such us projected point on the surface, distance to surface, offsets, hold inside/outside, etc.

The raw data and the calculated points can be exported to a customized HTML report for quality control purposes.

KEY FEATURES

- ⌚ Easy to use
- ⌚ Actual and known Trimble Access environment
- ⌚ Powerful and flexible inspection of free formed 3D shapes

REQUIREMENTS

Supported Controllers

- TSC3, TSC7
- Trimble Tablet 1 and 2
- Trimble Tablet T10
- Third Party Tablet

Instruments:

- Any Trimble S-Series
- Any non-Trimble Instrument supported by Trimble Access

Languages:

- English
- German
- Spanish

