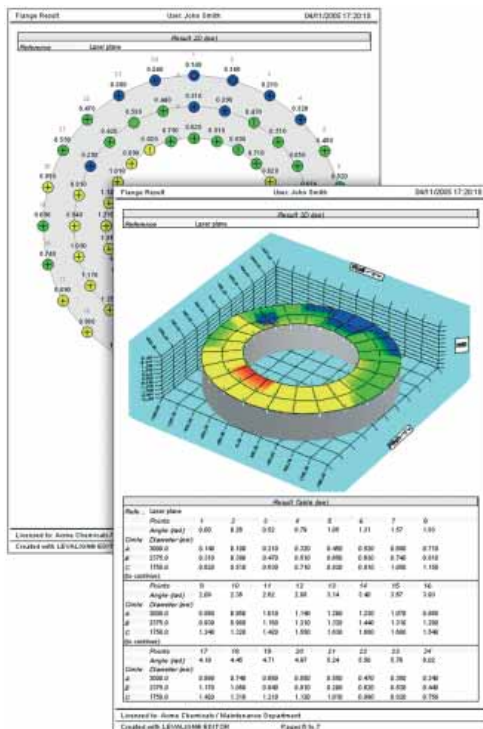


geometric alignment



Surface profile measurement

The measurement of complex surface profiles can be carried out by our PRÜFTECHNIK Service engineers using our professional alignment systems.

Take full advantage of our advanced technology to determine the profile of any of the following surfaces:

- Foundations
- Bedplates
- Surface tables
- Crane slewing rings
- Circular and rectangular flanges
- Turbine, compressor and pump half casings

The measurement service supplied is complimented by detailed report documentation on the 'as found' and 'as left' condition.

Laser alignment of bearing shells and bores

PRÜFTECHNIK Service is well-equipped to confirm the exact position of the alignment of crankshaft and camshaft bores, cylinder bores, crosshead guides, pump bores, gear-box bores and stern tubes.

Our measurement system addresses the following issues:

- Are the bores in-line?
- Are the bores aligned to a shaft rotation axis? (e.g. boring machine)
- What is the offset and slope of the bore?
- What is the position of the bores relative to „gauge points“?
- True bore centre measurement - not just the straightness of bore sole.
- Saves time - Corrections can be documented and performed simultaneously as measurement takes place.
- On-line Move function – for correction of individual points or alignment of housing to bore machines.
- Traceability - ISO9000 quality documentation of measurements with independent measurements and results.