



HYDRAULIC ENGINEERING REPAIR SERVICES

Capabilities

Cylinder designs and engineering work can be modelled in a specialised computer simulation package known as "Inventor"

This ensures that all components function and fit prior to any machining taking place.

All components are machined to the to the international ISO tolerances tables.

All workshop personnel have an individual set of measuring equipment which is calibrated regularly according to our BVQI accreditation.

All cylinders are tested on a hydraulic test bench;

" The test capacity is from 0 Mpa to 60 Mpa

" The oil is heated to 42 degrees celcius

" The test bench allows for timed automated stroking of the cylinders

" All cylinders are inspected for internal pressure by pass

" All cylinders are externally inspected under pressure for oil leakage