

## **SAFETY INFORMATION – PUMPS & CYLINDERS**

Before using any hydraulic equipment read the operating instructions carefully and check that they are fully understood. The following general safety notes should always be observed.

1. Check the cylinder rated load; ensure that there is an adequate margin of safety to allow for asymmetric loading.
2. Provide a firm and flat jacking foundation.
3. Release residual pressure in hoses before connection.
4. Follow closely loads being raised or lowered with suitable packing or **PREFERABLY SPECIFY SCREWED RAM CYLINDERS.**
5. Never uncouple pump from cylinders whilst under load.
6. Remove any entrapped air from the system.
7. Never drop onto cylinders; raise the cylinder to the load.
8. Investigate immediately any trace of oil leaks. Do not use the equipment until the fault has been rectified.
9. Avoid prolonged operation of the piston against the gland, as this will cause oil heating.
10. Avoid offset loading.
11. Never carry hydraulic components by their hoses or couplers.
12. Never kink hoses or drop heavy objects onto them.
13. Under no circumstances should anyone be allowed under a load whilst supported by hydraulics.
14. Hydraulic equipment should be regularly serviced and tested.
15. Always use the correct grade of oil specified by the manufacturer.
16. Always use genuine Tangye spares.