Submersible Pumps to 50mm (single phase) – Instructions for Use

SAFETY FIRST

If you are collecting the equipment for someone else please make sure this sheet is given to the equipment user to read. This sheet should be given to the site supervisor if the equipment is being hired for commercial use so that the information is available to all users. Before starting any job, be sure to spend a few minutes planning and understanding the hazards and risks of the activity and determining how you will control them to prevent injury or damage.

Required Safety Equipment

Pre-Start Checks and Safety

- Ensure pump has a current electrical tag
- Ensure you have the correct type of pump for your application, you need to consider things like how high you need to lift the liquid and how far you need it to travel etc
- Treat all pumps and hoses as if you don't know where they've been in the past, they may have been used to pump sewerage or other infectious materials
- Check hose fittings have rubber seal rings and are attached securely to pump
- Ensure transformer or a residual current device (RCD) unit is used
- Ensure electric extension lead is in good condition and positioned safely
- Check hoses for holes
- Ensure you comply with your local council authorities regarding where your discharge will end up (Liquids always flow downhill. Could this cause a hazard away from your site?)
- If you are not sure please ask

Setting up Pump

- Connect discharge hoses to pump (ensure all connections have rubber seal fitted)
- Lower pump into position by chain or rope fitted to pump (never lower by discharge hoses)
- If you wish to empty your liquid containment fully position the pump at the lowest point but always try and avoid placing it in mud or sludge as this could block up the intake to the pump
- Run hoses out so the discharge will flow where required

Operating Procedure

- Once the pump has been fully set up plug the power lead into a 240v power supply and turn on
- You will notice the discharge hoses filling up as the pump forces the liquid through them
- Follow the discharge hoses from start to finish to ensure they have no sharp bends or kinks in them (any kinks will slow the discharge rate down considerably)

Stopping and After Use

- Turn off power supply
- Remove pump by lifting out by chain or rope (don't lift by discharge hose)
- Wash down pump and hoses if required
- Disconnect hoses and roll up
- Wind up power lead