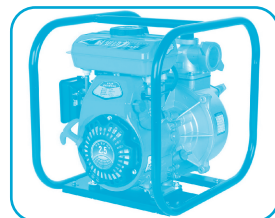


# Pumping Equipment

**The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment. This leaflet is not a substitute for a properly executed risk assessment.**

## **Read all of this leaflet and any others issued, BEFORE using the Pumping Equipment**

1. Plan your work and think ahead to make sure you will always be working safely.
2. If your pumping equipment is electric, remember electricity can be especially hazardous when there is water around, and must always be used with great care.
3. This pump is designed to pump certain liquids as specified by the hire company. It must not be used to pump other liquids.
4. The action of this pumping equipment can cause injury or damage if it is not used in a careful and controlled way.
5. If you have not used this type of pump before, familiarise yourself with the equipment and how it works before you start pumping.
6. You will need to wear various items of personal protective equipment, check any other safety instruction leaflets issued, or follow the instructions from the hire company to find what you need.
7. You will also need a residual current device if your pump runs from a 230 volt mains supply.
8. Pumps must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. Pumps are designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



## **BEFORE STARTING WORK – WORK AREA**

1. Do not use pumps with electric motors, or with petrol or diesel engines, where there is a danger of explosion. They could ignite fumes from petrol or gas cylinders.
2. Make sure that your work area is clear and safe and that no-one is near to you or could distract you.
3. If you are pumping from a hole where there is a risk of falling in make sure that the area is clear and safe: put barriers around your work area.

*(Continued overleaf...)*



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construction health risks go to  
[www.hse.gov.uk/construction](http://www.hse.gov.uk/construction)



## WORK AREA *(Continued...)*

4. Check the area where the water will be discharged. Make sure that you will not be creating a hazard for persons or for the environment.
5. Lay the hoses out carefully to avoid tripping hazards.
6. Protect other people from any possible danger, or from splashes from the liquids. Warn others to keep away.

## OPERATORS

1. You must wear the relevant items of personal protective equipment (ppe) appropriate to the type of machine you are using and the environment you are working in.
2. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

## PUMPING EQUIPMENT

1. Check your equipment. If anything is found damaged, do not use it – contact the hire company.
2. Do not use this equipment to pump petrol, diesel, or other flammable fuels, corrosives or acids. If you need to pump hazardous liquids – contact the hire company.
3. Before starting, ensure all hose connections are tight.
4. Do not touch electrical switches or plugs unless your hands are dry.
5. Make sure you understand all of the controls – before you use the pump, you must know how it works.

## USING THE EQUIPMENT

1. Wear your protective equipment.
  2. Use the residual current device (rcd) at the 230 volt socket if your equipment is mains powered.
  3. Keep the water inlet clear of rubbish.
  4. If pumping dirty liquids with solids in suspension, the inlet filters must be cleaned in accordance with the hire company's instructions.
  5. Switch electrical equipment off before re-sitting it or cleaning the filters.
  6. Do not force hand-pumping equipment harder than it can work. Best results will be obtained from steady and regular operation.
  7. Keep a check on the discharge area to make sure that no hazard is being created.
  8. Stop the pump if you need to move the hoses.
  9. Stop work if someone approaches you.
  10. Switch off electrical equipment before leaving the equipment unattended.
  11. If you think the electric pump or cable is damaged, switch off and unplug before inspecting it. If the cable attached to the pump is damaged, stop using it. Contact the hire company. If an extension cable has been damaged, do not use it again.
  12. If your equipment does not work properly, do not attempt to repair it. Contact the hire company..
- Keep this leaflet in a safe place until work is finished as it may need to be referred to again.**

v:062017



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