

**AUSTRALIAN AUTOMOTIVE RESEARCH CENTRE
SAFE OPERATING PROCEDURE # 56
DHF PUMP**

(Refer to the Operator's Manual for more detailed descriptions)

BASIC STEPS	HAZARDS	PROCEDURE AND PRECAUTIONS
Routine pre-operational check	Oil leaks Damaged hose Entanglement Sufficient fuel	Walk around pump, inspect visually, read warning signs and safety decals. Check oil, fuel, safety guards etc. Complete defect form and advise AARC Manager if there are any.
Starting Procedures		Familiarize yourself with all controls, engine stop. Switch in start position. Set engine timer if required. (Hold in oil pressure button and turn key to start the engine and/or set timer). Check gauges for correct readings. Flick switch to run position.
Operation	Noise	Ensure the shed roller door is up while pump is running for ventilation and the PA door is shut. Pump engine speed 1400RPM which should be set. Wear hearing protection if not leaving once machine has started. Valves are always opened so water should be delivered via sprinkler as soon as pump is started. Sprinkler shut off valves must be left open at all times, unless water is required via hydrant on west side of last sprinkler or the hydrant beside the pump shed. Pressure switch activated due to valve or sprinkler shut.
Shut down	Pump shut down	Pump will automatically shut down if on timer. Turn off with key if timer is not being used.

AARC unlocks and locks pumping shed each day.

SAFETY IS THE OPERATOR'S RESPONSIBILITY

NEVER TAKE RISKS