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1022 **Safety Guidance**

PROPANE v:122016

POWER TOOL RENTALS LTD.

Floodlight

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.

It is important to read this entire leaflet BEFORE using the Floodlight

1. Propane gas is highly flammable and must always be used with great care. Cylinders must not be stored in occupied domestic premises.
2. This floodlight is designed to provide general illumination in remote outdoor locations, on site, and in other well ventilated locations.
3. The floodlight must not be used where there is a fire risk from combustible materials, or flammable liquids and gases. Make sure there is no paper or other light, flammable materials that could be carried towards the floodlight by air flow.
4. Heated air and direct radiant heat from the floodlight can damage nearby objects as well as presenting a fire risk. Make sure that there are no objects near enough to the floodlight to get hot.
5. Plan the use of the floodlight so that it can always be used safely. It should not be left unattended if there is any risk of fire or burns to persons.
6. This floodlight must not be lit, moved, or adjusted, and the gas cylinder must not be changed, by minors, or by anyone under the influence of drugs or alcohol.
7. This floodlight is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it.

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Using the Floodlight

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2. This floodlight is designed to provide general illumination in remote outdoor locations, on site, and in other well ventilated locations.
3. The floodlight must not be used where there is a fire risk from combustible materials, or flammable liquids and gases. Make sure there is no paper or other light, flammable materials that could be carried towards the floodlight by air flow.
4. Heated air and direct radiant heat from the floodlight can damage nearby objects as well as presenting a fire risk. Make sure that there are no objects near enough to the floodlight to get hot.
5. Plan the use of the floodlight so that it can always be used safely. It should not be left unattended if there is any risk of fire or burns to persons.
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7. This floodlight is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it.

Please keep this leaflet safely as it may be required for future reference

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Before Starting Work...

there is a fire risk from combustible materials, or flammable liquids and gases.

2. The floodlight must only be used outdoors, or in open spaces where there is adequate ventilation or a supply of fresh air. If the floodlight does not get a good supply of fresh air, the gas will not burn properly. Fumes from this incomplete combustion are very dangerous.
3. Because of the heat and ventilation requirements of this floodlight it is not suitable for use in occupied premises or small rooms.

LPG FLOODLIGHT

1. Check the floodlight, including the gas hose, clamp or stand, and cylinder. If anything is found damaged, the floodlight should not be used. Contact the hire company.
2. Check that the gas regulator/ connector on the floodlight matches the valve on the cylinder. This connection has a left hand thread.
3. For stand lights, and lights fixed directly to gas cylinders a location should be chosen where they are going to be safe from vehicles, people, water, rain, strong gusts of wind, and other hazards which may damage them or knock them over.
4. Clothes or other materials must not be placed on or directly in front of the floodlight.
5. Make sure there is no burnable material such as fabric or paper near the floodlight, where it may get hot. The floodlight is best positioned away from walls facing into the centre of the space to be lit.
6. Make sure there are no papers or other light materials that could be carried towards the floodlight by air movement.
7. In areas where members of the public are allowed, barriers may be needed around lighting stands to keep people away from the heat, and to prevent them tampering with the light.
8. The floodlight should never be moved when it is lit.
9. Operators must make sure that they understand all of the controls. Before the floodlight is lit it must be known how to turn it off.

CHANGING THE GAS CYLINDER

1. The floodlight should be turned off by turning the handwheel on the cylinder valve fully clockwise to the OFF position.
2. Wait until the flame has gone out completely. If the flame does not go out, call the hire company immediately.
3. With the flame out, allow the light to cool down.
4. Make sure that there are no naked flames nearby, and that the area is well ventilated.
5. Unscrew the regulator connecting union using the correct spanner. This union has a left hand thread.
6. If the light is fitted to the cylinder it should be unclamped, and re-fixed securely to the new cylinder.
7. Take any plastic protective plug out of the valve on the new cylinder and fit it to the old cylinder.
8. Check that the valve connection on the new cylinder is the same as the one on the old cylinder, and that the threads are undamaged. If it is different the new cylinder must not be fitted. This could be very dangerous. The light should be refitted to the old cylinder, and the hire company contacted.
9. If the valve connections are the same, the empty cylinder must be moved to a safe location.
10. Check that the threaded connection on the regulator is clean and undamaged. The connector should be carefully fitted by hand – it has a left hand thread. When the connector is threaded properly, it should be done up hand-tight, then tightened fully using the correct spanner.
11. If it is suspected that the cylinder connection is not gas tight, the floodlight should not be lit. Check that the valve handwheel is turned fully clockwise to the OFF position. Contact the hire company immediately.
12. If the floodlight does not work properly, attempts should not be made to repair or adjust it. Contact the hire company.

PROPANE GAS SAFETY

1. Keep gas cylinders upright at all times – whether in use, in store or being moved.
2. Propane gas cylinders should not be stored inside a building, even when they appear to be empty.
3. If a gas leak is suspected, the floodlight must be turned off using the control tap. Any naked lights and other sources of ignition must be put out. The area must be ventilated by opening doors and windows.
4. Never look for a leak with a naked flame – this is always extremely dangerous. Use soapy water.
5. If the cylinder is leaking, call the fire brigade and evacuate the area.
6. No attempts should be made to repair suspected leaks. Contact the hire company immediately.
7. In some conditions, frost may form on a gas cylinder that is in use. This indicates that the cylinder is not big enough to provide the flow of gas being used. Contact the hire company.
8. The cylinder must not be warmed to remove the frost. Care must be taken when handling a frosty cylinder as the cold can cause 'frost' burns.
9. Handle cylinders carefully when moving them. They must not be dropped off vehicles – assistance must be sought to lower them safely.
10. Unused and empty cylinders must be kept away heat at all times.

BEFORE USING THE FLOODLIGHT WORK AREA

1. Do not use this floodlight where

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