

MOST IMPORTANT - RISK ASSESS!!!

Before you commence any work at your chosen work area, you should undertake some preliminary **hazard identification** and **risk control** precautions. Ideally more than one person should do this. This is undertaken by:

1. Physically inspecting the work site
2. Reviewing the best way/job steps required to complete the task
3. Reviewing the Safe Work Information supplied with the equipment
4. Reviewing other reference documentation and expert advice

The hazard identification and control process steps are defined as:

1. Identify the Hazards (eg. 240V power drill use around wet areas)
2. Assess the Risk (multi earth paths - possible electrocution)
3. Select the Control Measure (e.g. dry the area; use an RCD; use a cordless drill etc)
4. Re-assess the Risk (risk of electrocution now negligible). This is undertaken to ensure that the risk control measures adopted have not introduced any new risks to the work area.

HELP

If the unit does not operate correctly or you are unhappy with its performance, return it to the nearest Kennards Hire Centre for exchange or phone for assistance. **Do not attempt repairs yourself.**

Refer to your hire contract for details of our **AFTER HOURS EMERGENCY NUMBER.**

PERSONAL PROTECTION EQUIPMENT (PPE)



SAFETY DO'S

General Safety Do's - Lighting Towers / Floodlights

DO take your time to **Read this User Guide** and other Safety material (e.g. manufacturer's instructions) completely and in its entirety **BEFORE** operating the lighting equipment and generator unit.

DO seek medical advice from your doctor if you have any medical condition that may be affected by the operation and manual handling of the lighting equipment and generator unit.

DO ensure that the equipment is suitable for your needs and working environment.

DO ensure the supplier/hirer shows you how to use the equipment and that you fully understand and are familiar with the equipment and its operations particularly the Light Tower unit, including emergency shut down/response.

DO ensure that the equipment is assembled and used according to the manufacturers and hirer's instructions.

DO wear appropriate PPE as illustrated depending on task.

TRANSPORTING

Portable Floodlights

- Do not move or transport floodlights before they cool down.
- Always ensure that portable floodlights are transported with the light facing upwards.
- Do not face anything on top of portable floodlights when transporting.
- Always secure portable floodlights before transporting.
- The portable floodlights on a stand are awkward to carry; always ensure they are well balanced and carried close to the body.

Lighting Towers - 4000 Watt KHS

- The towing laws may differ in each state, please check with your local authorities.
- Do not tow the trailer in excess of 80 km/hr.
- When towing, allow extra distance for stopping,

DO ensure that the PPE you use has an Australian Standards compliance label.

DO always operate in a clear hazard free work area.

DO ensure the work environment is well lit with all aspects of the job easily seen and discernable.

DO keep all unauthorised adults, children and animals away while the equipment is in operation.

DO check the condition of the equipment and at the start and end of each day and report any damage or defects.

DO make sure equipment is positioned and operated on level and stable ground.

DO ensure that all guards are correctly attached and in good condition.

Lighting Towers Specific Safety Dos

DO be aware of and stay clear of overhead cables, power lines and trees when raising the tower.

DO ensure that ground is firm and reasonably level. (max. 15 degrees slope). Use hard wood blocks under the outriggers if the ground is not solid.

DO always extend the outriggers fully and wind down the jacks to take the weight of the unit. Use a spirit level to setup machine level.

DO check controls for proper response.

DO erect barricades to prevent people walking under or adjacent to elevated sections of Light Tower.

DO shut down the Light Tower machine if a fault is detected.

DO keep hands away from all moving parts.

DO be aware of "pinch areas" and keep fingers away.

DO lower Tower mast before moving to a new location.

Electrical Safety Do's - Lighting Towers / Floodlights

DO always use earth leakage protections such as a residual current device (RCD); ensure Light Tower generators are fitted with residual current devices. Where a floodlight unit is not fitted with a RCD ensure that a portable RCD be used.

DO ensure that the power is turned "off" at the power supply outlet before disconnecting or connecting cables and/or accessories.

DO make sure extension leads are placed clear of water or other hazardous materials - keep cord from heat, oil and sharp edges.

DO ensure that as a minimum, any 240 volt electrical extension cord setup used comprises of three-pin moulded plugs and one heavy duty type cable not more than 15 metres in length and that all the connections are free from moisture.

DO ensure that Voltage and Ampere ratings and equipment are compatible - that is, 10 amp plugs for 10 amp outlets etc.

DO ensure that electric extension cables are firmly connected and located where they are not likely to be damaged and are protected against damage and are not laid across passageways or accessways.

Fuel Safety Do's - Lighting Towers

DO always operate Diesel units in well-ventilated areas. A build up of diesel fumes (carbon monoxide) can KILL...

DO not let children near hot surfaces such as exhaust pipes.

particularly on wet roads, make sure the trailer couplings, lights and safety chains are correctly connected.

- Ensure the towing vehicle is of a suitable size and is roadworthy. (Generally the towed unit should not exceed the weight of the towing vehicle).
- The tower weight is approx. 900kgs.
- Always ensure that all lock down pins, latches and safety pins are in place before towing.
- Always chock the wheels before disconnecting the lighting tower from the towing vehicle.

MAINTENANCE ON SITE

- Check fuel and oil levels daily.
- Check tyre pressure weekly.

HANDLING

Portable Floodlights - carry close to the body. To avoid manual handling injuries, adopt safe posture for lifting and manoeuvring of the unit.

SAFETY DON'TS

General Safety Don'ts - Lighting Towers / Floodlights

DO NOT operate Light Tower/Flood Light units if tired or suffering any medical condition, or if under the influence of alcohol or drugs, which may cause lethargy or danger to you or others.

DO NOT operate equipment without guards correctly fitted.

DO NOT use the unit in the presence of flammable liquids or gases unless specifically designed for that purpose.

Lighting Towers Safety Don'ts

DO NOT ever lean a ladder against the Light Tower.

DO NOT ever leave the Light Tower unattended with the mast partially raised.

DO NOT start the machine if a fault is detected.

DO NOT wear damp clothing (particularly wet shoes) or allow skin surfaces to be wet while operating the lighting tower.

DO NOT raise the tower in winds exceeding 50km/hr.

DO NOT attempt to make mechanical or electrical repairs to the lighting tower. Contact your nearest Kennards branch for assistance.

DO NOT transport tower in upright position.

Portable Floodlights Safety Don'ts

DO NOT attempt to repair a portable floodlight. Contact your nearest Kennards branch for assistance.

DO NOT use portable floodlights in damp areas.

DO NOT touch the floodlight glass for at least 5 minutes after turning off. The portable floodlight glass stays extremely hot and cools gradually.

DO NOT locate the portable floodlight near to flammable material such as curtains, etc.

Electrical Safety Don'ts - Lighting Towers / Floodlights

DO NOT handle any electrical items (e.g. electrical plug) with wet hands or gloves.

DO NOT carry the floodlight unit by the electrical cord or yank it to disconnect from receptacle.

DO NOT use the unit if any electrical cord is cut, cracked, worn or damaged.

DO NOT risk unintentional starting when plugging in the unit. Confirm the switch is in the "off" position before inserting the power plug in the receptacle.

DO NOT ever lock switches in "on" position with tape, wire or by any other means.

DO NOT ever use a floodlight unit in damp or wet places, and never expose it to rain unless specifically designed for that purpose.

Fuel Safety Don'ts - Lighting Towers

DO NOT smoke while in the vicinity of diesel, diesel containers or diesel-powered equipment

DO NOT smoke while using or refueling the unit.

DO NOT refuel the Light Tower unit while it is running.

Note: the unit will run for approximately 15 hours on a full tank.

DO NOT start or use the unit within 3 metres of any fuel containers.

DO NOT ever operate generator units in areas that contain flammable liquids or gas, or confined spaces and poorly ventilated spaces.

Lighting Tower - Trailer Mounted - Do not attempt to manoeuvre the unit by yourself obtain help.

SPECIFICATIONS

Trailer Mounted

Weight - 900kg

Power - Diesel

Tank Capacity - Approx. 65 litres

Mast Height - Adjustable to 6.5m

Lighting Tower Illuminated Area - 72 x 60m (4320 sq.m)

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