



For guidance on managing construction health risks go to

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HANDLE START (continued...)

- When the engine has started, take the handle off and store in the proper place.
- If you let go of the handle when the engine fires up, do not try to grab it. Stop the engine ng the stop control. Then start the engine again.
- Never stop the engine using the decompression lever. This may damage the engine and will be regarded as misuse by the hire company. Only use the proper RUN / STOP control.

REFUELLING

- When refuelling in the dark, a safe alternative light source will be needed that will not ignite the diesel fumes, before continuing.
- Stop the engine and let it cool down.
- Clean the filter cap and the area around it to prevent dirt falling into the diesel tank.
- 5. Use a funnel and clean diesel when refuelling. Do not spill any diesel on yourself or the machine.
- Wipe any fuel off the machine. Dispose of diesel soaked cloth carefully.
- If any fuel is spilt on the ground, wipe it up and cover it with soil.
- If any diesel is spilt on your clothes, change them straight away.
- Put all fuel caps back on properly, and move the fuel can to a safe, cool place.

USING THE LIGHTING TOWER

- Keep a close check on any cables that are being used especially extension cables. If they appear to be damaged in any way, stop the generator and replace them.
- The generator has fuses or circuit breakers to protect it in case of overload. If you think a fuse has blown, get a competent person to replace it.
- The generator may switch itself off if it gets too hot. This may mean that too much power is being drawn from it or that the oil level is low. If this happens the lights will go out. Be prepared for this.
- Allow the generator to cool down before restarting. If this happens repeatedly, have the generator checked by a competent person or hire the company.
- Make sure the generator and the lighting tower are safe before leaving them unattended.
- If the equipment does not work properly, do not try to repair it. Contact the hire company.

Keep this leaflet safe as it may be required for reference at a future date







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(continued overleat...)

and could break your wrist. cranking, the handle will spin backwards handle. If the engine backlires while 2. Do not wrap your thumb around the

1. Fit the starting handle.

TRATS 3JQNAH

recoils correctly. Guide the cord back into place so that it Don't pull it too far, or it might break.

feel that the starter has engaged with the engine, then pull it quickly and strongly. Pull the starter handle slowly until you can so it will not move when pulling the starter. Make sure that the machine is held firmly

HECOIL START

ior the machine. recoil start. Read the instructions belo The generator will have a handle start, or

Check that the engine and generator controls are set correctly, and that the fuel engine running.

low. This may automatically prevent the Check that the oil level has not fallen too

peeu nubingged. the generator; this means that all the tools and equipment that will draw power have

Check that there is no electrical load on The lighting tower should be on a level

instructions, follow them. If not, follow the

If the hire company has given special

STARTING AND STOPPING THE ENGINE

competent qualified electrician. must be done by sių i papuog equire that the generator is earthed and 12. In any event, certain site conditions will

draw more power than the generator can

find their power usage, or check with a competent person. Make sure that the lights and the tools combined will not 11. Check the label on each of the tools to generator there will be 2,000 watts spare

This means on 3 kva generator there will be 400 watts spare and on a 5 kva generator there will be 3,000 watts spare tx500 watts, wnich adds up to 2,000 watts 10. The lights on the tower normally take 5 kva, which means about 4,000 watts.

The generators rating will be shown on its case. It will probably be 3kvk, which means it can supply about 2,400 watts, or means it can supply about 2,400 watts, or any tool that is plugged in.

against the power usage of the lights and Check the generator's power rating competent person.

without consulting MIKG) earth use earthed tools (those that need an Use only double insulated tools. Do not meir full length.

damaged, and so that the connection s will not get wet. Keep a close check on be kept as short as possible. Lay them out carefully where they will not get If extension cables are used, they should

socket, without consulting a competent than one tool or cable plugged into each Do not use distribution boxes, or more

externsion cable into the rcd. directly into the generator. Plug the tool or If using 230 volts use an rcd plugged







Lighting Towers

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 all of this leaflet **BEFORE** you use the Mobile Lighting Tower

1024 Safety Guidance

- Electricity produced by this equipment can be hazardous and must always be used with great care.
- Diesel is flammable. Take care not to cause a fire or explosion.
- This lighting tower's generator must only be used as instructed by the hire company. Some models may have a spare socket permitting the use of an appropriate tool. Do not tamper with the wiring, or alter connections to plugs and sockets.



- This equipment may cause injury to persons or damage to itself or other property if it is not transported and set up carefully and properly.
- If you have not used mobile lighting equipment before, take the time to study and understand it, so it can be used safely.
- Plan how to do the job and try to foresee any problems that may occur so that you can
- Anyone working near the equipment should have at least the following items of personal protective equipment: Ear muffs or plugs giving protection for levels up to 89db (A). This lighting tower is designed must not be set up or used by minors, or by anyone under
- the influence of drugs or alcohol. This lighting tower is designed for operation by an able bodied adult. Anyone with either a















Banner

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have the force of law and only the courts can authoritatively interpret the law.

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4. Use 110 volts supply whenever possible. tools in the right sockets.

provide both 110v (yellow) sockets and 230v (blue) sockets. Use only the right The generators on some lighting towers

as a suitable socket provided. power for tools or equipment, other than the lighting tower, unless the generator Do not use the generator to provide normal mains electricity.

The electrical supply from a generator should be treated with greater care than

ELECTRICAL CONNECTIONS KNOW NOW IT WORKS.

Make sure you understand all of the controls. Before using the equipment,

anytning other than the lighting tower. b, or computer equipment. Check the hire company before connecting speed control, and sensitive electronic equipment such as laser surveying, The generator which is part of the lighting tower may not be suitable for use with some power tools that have electronic some power tools that some persons.

remain on all night long. Some generators are fitted with a large capacity fuel tank to enable the lighting to safe before towing.

owered, stop the generator, and make If the lighting tower is the type that can be towed behind a vehicle, the mast must be lowered ston, the generator, and make

or while the generator is running. ghting tower while the mast is no not attempt to move the mobile gswsded - contact the hire company.

easily. Do not use anything found tyres, and all equipment. Check that the telescopic mast cranks up and down telescopic mast cranks up and down Check the generator, engine, wheels

ГІСНТІИС ТОМЕЯ

bersonal protective equipment. Anyone who is working near the lighting tower will also need to wear appropriate

when continuously working near to the muffs or plugs giving hearing sction for this level as a minimum tot this level as a minimum This equipment is likely to cause noise levels up to 89db (A). Wear appropriate level of protection.

protective equipment (PPE) are the minimum that should be worn whenever using this lighting tower. Particular jobs or environments may require a higher level of protection personal The following items

rom normal weather conditions, protect The generator has a canopy to protect it side daba.

high – voltage electricity can jump across part of the lighting tower within 5m (16ft) of any overhead cable. Do not forget that bish yields a subject that Set up the lighting tower on a firm and level surface well away from any overhead power lines. There must be no

reduired. will almost always other indoor situations if its suitability and the ventilation required has been **fully** assessed. Mechanical extraction carbon monoxide poisoning. **Never** use it in domestic premises and only use it in Using this equipment indoors or in confined spaces could cause fatal ignite fumes from petrol or gas cylinders. Do not use this lighting tower where there is a danger of explosion. It will

WORK AREA

