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STARTING AND STOPPING THE ENGINE (continued...)

- 5. Open the throttle control a little.
6. Make sure that you hold the drive unit firmly so it will not move when you pull the starter.
7. Pull the starter cord slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far, or it may break.
8. Guide the cord back so that it recoils correctly.
9. If the engine has started adjust the throttle so the engine is idling. As the engine warms up open the choke lever.
10. Before stopping the generator, first remove the electrical load by unplugging all the equipment.
11. To stop the engine, close the throttle lever, turn the fuel tap off, and turn the ON/OFF switch to OFF.

USING THE LIGHTING TOWER

- 1. Keep a close check on any cables that you are using - especially extension cables. If they appear to be damaged in any way, stop the generator and replace them.
2. 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.
3. The generator may switch itself off if it gets too hot. This may mean that you are drawing too much power from it or that the oil level is low. If this happens the lights will go out. You should be prepared for this.
4. Allow the generator to cool down before restarting. If this happens repeatedly, have the generator checked by a competent person or the hire company.
5. Make sure the generator and the lighting tower are safe before leaving them unattended.
6. If your 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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Mobile 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

- 1. Plan your work and think ahead to make sure you will always be working safely.
2. Electricity produced by this equipment can be hazardous and must always be used with great care.
3. Petrol is highly flammable. Take care not to cause a fire or explosion.
4. 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.
5. This equipment is designed to provide a self-contained mobile lighting system. The lights can be elevated several metres above the ground, usually on a hand operated telescopic mast.
6. 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.
7. If you have not used mobile lighting equipment before, take the time to study and understand it, so that you can use it safely.
8. 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 97 dB(A).
9. This lighting tower must not be set up or used by minors, or by anyone under the influence of drugs or alcohol.
10. This lighting tower is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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(Continued overleaf...)

- 1. If the hire company have given you special instructions, follow them. If not, follow the instructions below.
2. Check that there is no electrical load on the generator; this means that all the tools and equipment that will draw power have been unplugged.
3. Check the oil and fuel levels.
4. Turn the ON/OFF switch to ON and turn the fuel tap on.

STARTING AND STOPPING THE ENGINE

- 1. No smoking.
2. If you are refuelling in the dark you will need a safe, alternative light source that will not ignite the petrol fumes, before you continue.
3. Stop the engine and let it cool down.
4. Clean the filler cap and the area around it to prevent dirt falling into the petrol tank.
5. Use a funnel and clean petrol when refuelling. Do not spill any petrol on yourself or the machine.
6. Wipe any fuel off the machine. Dispose of petrol soaked cloth carefully.
7. If you spill any fuel on the ground, wipe it up or cover it with soil.
8. If you spill any petrol on your clothes, change them straight away.
9. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.

REFUELLING

- 12. In any event, certain site conditions will require that the generator is earthed and bonded. This must be done by a competent qualified electrician.



Before Starting Work...

- 1. Do not use this lighting tower where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Using this equipment indoors or in confined spaces could cause fatal carbon monoxide poisoning. Never use it in domestic premises and only use it in other indoor situations if its suitability is assessed. Mechanical extraction ventilation will almost always be required.
3. Set up the lighting tower on a firm and level surface well away from any overhead power lines. There must be no part of the lighting tower within 5m (16ft) of any overhead cable. Do not run across high-voltage electricity can jump across large gaps.
4. The generator has a canopy to protect it from rain or spray.
5. The generator which is part of the lighting tower, may not be suitable for use with some power tools that have electronic speed control, and sensitive electronic equipment such as laser surveying, video tools, marked #. Do not use earthed tools (those that need an earth wire) without consulting a competent person.
6. If you use extension cables, they should be kept as short as possible. Lay them out carefully where they will not get damaged, and so that the connections will not get wet. You will need to keep a close check on their full length.
7. You should use only double insulated tools, marked #. Do not use earthed tools (those that need an earth wire) without consulting a competent person.
8. Check the generator's power rating against the power usage of the lights and any tool that you plug in.
9. The generator's rating will be shown on its case. It will probably be 3 kVA, which means it can supply about 2,400 watts, or 5 kVA, which means about 4,000 watts.
10. The lights on the tower normally take 4 x 500 watts, which adds up to 2,000 watts. This means on a 3 kVA generator you will only have 400 watts spare and on a 5 kVA generator you will have 2,000 watts spare.
11. Check the labels on each of your tools to find their power usage, or check with a competent person. Make sure that the lights and your tools combined will not draw more power than the generator can provide both 110V (yellow) sockets and 230V (blue) sockets. Use only the right tools in the right sockets.

LIGHTING TOWER

- 1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this lighting tower. Particular jobs or environments may require a higher level of protection.
2. This equipment is likely to cause noise levels up to 97dB(A) - Wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum if you are continuously working near to the generator.
3. Anyone who is working near the lighting tower will also need to wear appropriate personal protective equipment.

ELECTRICAL CONNECTIONS

- 1. The electrical supply from a generator should be treated with greater care than normal mains electricity.
2. Do not use the generator to provide power for tools or equipment, other than the lighting tower, unless the generator has a suitable socket provided.
3. The generators on some lighting towers provide both 110V (yellow) sockets and 230V (blue) sockets. Use only the right tools in the right sockets.

WORK AREA