

# SAFE WORK PROCEDURES GENERATOR (PORTABLE)



## SPECIAL INSTRUCTIONS:

1. This procedure is intended for small portable generators used for on-site power for electrical tools and equipment, and not for truck or trailer mounted units used as an emergency power supply for buildings or factories.
2. All circuits used to supply power for electrical tools at a workplace must be protected by a safety switch or RCD.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. Pre-start checks	Risk of fire Damage to motor Risk of electric shock	Take care when refuelling to not spill fuel or overfill fuel tank. Check oil level; add oil if level is below the bottom mark on the dipstick. Use test switch to check for correct operation of safety switch or RCD (if fitted). Ensure that generator is set up on a firm, level surface, preferably at a short distance away from the actual work area. Ensure that tools to be used are compatible with the output of the generator. Ensure that generator output is sufficient to operate tools effectively.	<b>No smoking or ignition sources.</b> Wear <b>eye and hand protection</b> when handling fuel.  Inspect leads before use. Do not use leads if out of test. Check voltage and current type. Check wattage ratings.
2. Operation	Unsafe atmosphere, asphyxiation Risk of electric shock Risk of fire	Do <b>not</b> operate internal combustion motors in a confined or poorly ventilated area. Use a safety switch or RCD if one is not already fitted to the generator. Do not refuel generator while motor is running. Allow unit to cool down before refuelling. Ensure that generator is secure from unauthorised persons (children, etc).	Use generator outdoors or in well-ventilated areas only. Do not use without protection. <b>No smoking or ignition sources.</b>

## PRECAUTIONS:

The following precautions are to be observed in areas where these procedures are carried out.

