

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

Plant ID:

Plant Name: 170kVA Diesel Generator

Potential Noise Level in Db: 100 to less than 120Db

Required hearing protection class: 4

Operator Competency: Plant Licence Not Required

It is the hirer's responsibility to ensure that all operators are competent.

Please refer to the User Guide and Operators Manual for detailed Operating Instructions



Protective
equipment
must be worn
when operating
this machine



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

Observe safety instructions/warnings on generator

Electrocution

Risk Level High

Control Measures Avoid contact with output terminals during operation. Keep output terminal cover closed, and terminal bolts tightened while generator is running. A low voltage is produced even when generator is in low speed idle position.

Do not operate with wet hands, in wet or damp areas and avoid inclement weather. If operating a power tool in damp conditions is unavoidable, use a ground fault circuit interrupter protected supply.

This unit is fitted with an electrical safety switch. Ensure testing of the safety switch is carried out before each use. Press the test button to check. Do not operate near or in contact with water. Do not operate on faulty leads or equipment.

Ensure equipment is tested & tagged for compliance with electrical safety testing requirements.

Keep leads away from heat, oil, sharp edges or moving parts.

Explosion or fire from fuel vapours

Risk Level Medium

Control Measures Stop engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.

Exposure to ultraviolet radiation if working outdoors

Risk Level Medium

Control Measures Wear sunscreen, hat, long sleeves and long pants.

Injury or ill health due to exposure to exhaust or fuel fumes

Risk Level Medium/Low

Control Measures Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

Burn hazard

Risk Level Medium/Low

Control Measures Wear protective clothing during operation. Avoid contact with hot components. Allow engine to cool before attempting any maintenance (the muffler is fitted with a heat shield).

Hearing Damage

Risk Level Medium/Low

Control Measures Hearing protection must be worn.

Injury from contact with moving parts

Risk Level Low

Control Measures All moving parts are protected. Do not remove guards or covers.

Engine seizure/Fuel spillage

Risk Level Low

Control Measures Do not use on inclines of more than 20 degrees. Ensure equipment is operated on a stable, level surface. If equipment is operated on a slope, engine seizure may occur due to improper lubrication, even with max. oil level and functioning oil protection system.

KEY OPERATING INSTRUCTIONS

Use **DIESEL** fuel only.

**Please refer to the User Guide and Operators Manual
for detailed Operating Instructions**

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.