

Dated 01/07/2017

WACKER NUESON

1404 EXCAVATOR

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

WN1404

Plant ID:

WNCE0901LPAL01375

Plant Name:

Wacker Nueson 1404 Excavator

Potential Noise Level in Db:

90 – 105db

Required hearing protection class: 3

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



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

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. Warning label on engine. 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 from contact with above/below ground services

Risk Level Medium

Control Measures Check above ground for overhead power, branches, beams and structures.
Check below ground for underground services such as cables, pipes, culverts, etc.

Crush injury

Risk Level Medium

Control Measures Keep unauthorised persons away from site
Check ground condition and slopes and remove all foreign objects. Keep level at all times. Never operate on slopes exceeding 15°. Do not travel across slopes or roll over may occur.
Chock wheels when not in use.
Do not allow inexperienced persons to operate machinery. Do not allow persons to sit or ride on the machine.

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.

Hearing Damage

Risk Level	Low
Control Measures	Hearing protection with a rating of 20Db must be worn.

Injury from contact with moving parts

Risk Level	Low
Control Measures	Ensure hands, feet and loose clothing are kept clear from moving parts of the roller. Do not remove guards or covers.

Engine seizure/Fuel spillage

Risk Level	Low
Control Measures	Do not use on inclines of more than 15°. 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. Fuel spillage may also occur.

KEY OPERATING INSTRUCTIONS

TO START ENGINE

1. Make sure that the fuel cock is in the OPEN position.
2. Before starting the engine, make sure that all control levers are in the neutral positions.
3. Pull the lock lever all the way back (lock position)
4. Insert the key into the starter switch and turn it in to the RUN position, and the glow lamp indicator will light up while the engine is preheated, and will go out automatically after the preheating finished.
5. Turn the key to START position and release after the engine has started. It will automatically return to the RUN position.
6. Check if all warning lamps have gone out. Should a warning lamp still be lit up, stop the engine then remove the key and check for the cause.

STOPPING THE ENGINE

1. After slowing the engine to idle, turn the key to STOP.
2. Remove the key.

**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.