PAGE HIRE

PLANT RISK ASSESMENT SAFE OPERATION OF A COMPACTION PLATE

Likely Risk Issue	Who/what may be harmed? (Specific Persons)	What Is the Rate Level? (Rate risk as Low, Medium or High)	What Risk Control Action Needs To Be Taken? (What needs to be considered so that the risks are identified and effectively controlled)	Time Frame
Rollover of plant (refers to large FR plates)	Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Operators to be verified as competent and must assess conditions • Do not operate close to steep inclines or in sloppy material • Do not operate close to trenches or open excavations	Each hire / day
Fuel leaks and fire hazards	Participants Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 6 MEDIUM	• Operators to check fuel lines and fuel level daily • Engine to be turned off before refueling • Wear appropriate PPE • Have an emergency plan. • Keep fire extinguisher on hand	Each hire / day
Collision and crushing (refers to large FR plates)	Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	• Look for bystanders before moving • Operator to use an observer to warn of persons, obstacles or other hazards • Isolate job area and park on level ground • Plant operators to be qualified and experienced • Ground staff and operator to maintain visual contact • Ground staff to stand clear and signal operator before moving close to plant	Each hire / day
Burns	Operators Spectators Staff	Severity of Risk (S)- 3 Likelihood of Risk (L)- 2 Overall Risk (S x L)= 6 LOW	• Operators to be vigilant and keep other persons away from hot machine • Allow to cool down before doing any checks on the engine	Each hire / day

Calculation of Risk Evaluation

Severity of Risk (S) is judged by evaluating the effects of the hazard if the risk occurs. This is evaluated as Minor = 1, Major = 2, Serious = 3

Risk Likelihood (L) - The likelihood of the harm occurring is evaluated on the basis of: Unlikely =1, Possible = 2, Likely = 3

Overall Risk is calculated by multiplying the figure for Severity (S) and Likelihood (L). The overall risk figure calculated is related to the Risk Level of either Low: 1 to 3; Medium: 4 to 6 or High: 7 to 9

NB This is a generic risk assessment only. It is advisable to carry out a site-specific assessment prior to using this equipment.

The instructions recommended within this document apply to normal risk conditions. If the machine is to be operated in a dangerous or hostile environment, the user/client is responsible for conducting an appropriate risk analysis and applying suitable controls to mitigate those additional risks.

GENERAL SAFETY

- This machine can only be operated if it is a safe and sound operating condition and by a competent operator and in areas that are clear of obstacles.
- Work sites on roads must be separated from normal traffic flow
- Road making and maintenance plant must remain in a barricaded area at all times unless traffic flow is stopped to allow access in or out of the work area.
- Do not operate on slopes in excess of that approved by the manufacturer
- Operator to wear safety footwear and Hi-Vis jacket

OPERATING CONDITIONS

- Use ignition key to start and KNOW WHERE EMERGENCY SHUT-DOWN SWITCH IS IF FITTED
- Look in the direction you are travelling and watch out for other people
- Use care when working near other machine
- DRIVE UP AND DOWN INCLINES AND NEVER ACROSS. NEVER TURN **MACHINES ON A SLOPE**
- Exercise care when manoeuvring on sloping ground
- Be aware of wet, soft or loose edges and don't operate close to open or uncompacted trenches or other excavations

PARKING

- Park where there will be no obstruction to machines, site personnel or access ways
- Do not impede road traffic and post reflective warning signs
- Neutralise controls and apply brake
- Allow engine to idle before switching off
- Lock ignition and move controls to release pressure
- Check and report any damage
- Remove keys

REFUELLING

- Refuelling to be carried out in a hazardous free atmosphere devoid of flammable or explosive substances
- Make sure the area is well ventilated and a safe distance from any combustible materials
- Make sure the area is free from heat sources, ignition sources, open pits and drains

INSPECTION AND MAINTENANCE

- Machine is to be inspected and maintained regular in accordance with manufacturer instructions
- Operator to carry out daily inspections of fuel, oil, and radiator

The above instructions must be followed at all times If any of the instructions are not possible, contact the site supervisor for an assessment of any safety requirements