

Hazard Identification, Risk Assessment and Control

Company: **WACKER NEUSON PTY. LTD.**

Plant/equipment: **Reversible Vibration Plates**

Plant/task described: Compaction of soil, asphalt, pavers

Operating Safety

Familiarity and proper training are required for the safe operation of equipment

Equipment operated improperly or by untrained personnel can be dangerous. Read Operating Instructions and Safety Guidelines to familiarize yourself with the location and proper use of all instruments and controls. WEAR PROTECTIVE EQUIPMENT AT ALL TIMES.

Hazard Identification (Injury due to:)	Risk Assessment	Practicability (Is it practicable to remove or mitigate the hazard or risk?)		Risk Control
		YES	NO – Why not?	
Contact with V-belt during operation	High risk when operating without belt guard	X		Do not run machine without belt guard Observe warnings in instruction manual
Burns on exhaust, protection guard or engine cooling fins	Medium risk		Only expensive and impracticable enclosures could mitigate the risk	Observe safety decal Observe warnings in instruction manual
Explosion or fire	Medium risk		When refueling machine, flammable liquids are exposed and vapors are present, which cannot be avoided	Always use appropriate care when handling petrol or diesel Observe warnings in instruction manual Observe safety decals fitted to machine
Lifting of machine	Medium risk	X		Central lifting point provided for mechanical lifting Observe lifting instructions in operation manual
Plant tipping over/rolling over	Low risk		Environment in which machine is operated cannot be controlled by the supplier	Always be sure machine is placed in secure position Observe instruction in operation manual
Operator slipping, tripping, falling	Low risk		Environment in which machines are operated cannot be controlled by the supplier	Always ensure safe, stable and rubble free ground to stand on Take special care when operating at elevated places, slopes or uneven ground Observe instructions in operation manual

Contact with vibrating parts of machine	Low risk		Parts of the vibration plate need to vibrate to fulfill task description	Observe warnings in instruction manual It is difficult for operator to touch vibrating parts during operation
Vibration on operating handle	Low risk	X		Shock absorbing guide handle design Observe operating instructions in manual
Center pole falling out of vertical transport position	Low risk	X		Safety bar arrests centre pole in vertical position by clipping it to the frame
Suffocate or ill health due to: Exhaust fumes & fuel vapors, especially when used in confined spaces	High risk		Exhaust fumes and petrol vapors are unavoidable	Always operate & refill machine in well ventilated areas only Observe safety decals fitted to machine Observe warnings in instruction manual
Noise and dust	Medium risk		Environmental circumstances in which machine is operated are beyond the control of the supplier	Wear hearing protection Observe instruction in operators manual Observe safety decals fitted to machine