

## Hazard Identification, Risk Assessment and Control

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

Plant/equipment: **Single Drum Vibratory Roller RS(S)800**

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 transmission belts	High risk when operating without protective covers	<b>X</b>		<b>Do not</b> run machine without protective covers <b>Observe warnings</b> in instruction manual
Burns on exhaust, protection guard	Medium risk		Only expensive and impracticable enclosures could mitigate the risk	<b>Observe safety decals</b> <b>Observe warnings</b> in instruction manual
Explosion or fire	Medium risk		When refueling machine, flammable liquids are exposed and vapors are present, which cannot be avoided	<b>Observe safety decals</b> <b>Observe warnings</b> in instruction manual
Lifting of machine	Medium risk	<b>X</b>		<b>Central lifting point</b> provided for mechanical lifting <b>Observe</b> lifting instructions in instruction manual
<b>Plant</b> tipping over/rolling over <b>Operator</b> slipping, tripping, falling	Medium risk		Environment in which machine is operated cannot be controlled by the supplier	<b>Always</b> ensure machine is placed in secure position <b>Take special care</b> when operating at elevated places, slopes or uneven ground <b>Observe warnings</b> in instruction manual
Constraint body posture	Medium risk	<b>X</b>		<b>Adjust guiding handle</b> for best position <b>Observe</b> operating instructions in manual

Incorrect guidance of machine & starting	Low risk	<b>X</b>		<b>Hands are protected</b> by closed loop handle <b>Observe operating decals</b> on machine <b>Observe</b> operating instructions in manual
Contact with vibrating parts	Low risk		Parts of the machine need to vibrate to fulfill task description	<b>Observe warnings</b> in instruction manual <b>It is difficult</b> for operator to touch vibrating parts during operation
Center pole falling out of vertical transport position	Low risk	<b>X</b>		<b>Safety pin</b> arrests center pole in vertical position and all operating positions
Entrapment between plant and fixed structures	Low risk	<b>X</b>		<b>Deadman handle</b> fitted to machine <b>Forward &amp; reverse</b> control at operators control <b>Operation decal</b> fitted to machine
<b>Suffocate or ill health due to:</b> Exhaust fumes & fuel vapors	Medium risk		Exhaust fumes and petrol vapors are unavoidable	<b>Always operate and refill</b> machines in well ventilated areas only <b>Observe safety decals</b> fitted to machine <b>Observe warnings</b> in instruction manual
Noise and dust	Low risk		Environmental circumstances in which machine is operated are beyond the control of the supplier	<b>Wear</b> hearing protection <b>Observe safety decals</b> <b>Observe</b> warnings in instruction manual