

## Hazard Identification, Risk Assessment and Control

Company: **WACKER AUSTRALIA PTY. LTD.**

Plant/equipment: **Petrol or Diesel Powered Vibration Rammers**

Plant/task described: **Compaction of Soil and Asphalt**

### 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?	
Incorrect guidance	Low risk		Depends entirely on operator's knowledge	<b>Keep both hands</b> on guide handle <b>Read manual</b> before operation
Flying debris	Medium risk	X	Environment in which machines are operated cannot be controlled by the supplier	<b>Protective</b> cover provided <b>Do not</b> run rammer in applications for which it is not intended
Plant tipping over	Medium risk		Environment in which machines are operated cannot be controlled by the supplier	Be aware of surface conditions and use care when working on uneven ground or course material. Keep both hands on guide handle. When not operating, lay machine on its side to prevent tipping over
Lifting the machine	Medium risk	X		<b>Central lifting point</b> provided <b>Lifting handle and roller device</b> provided
Vibration on guide handle	Low risk	X		Specially designed handle with rubber shock mounts

Contact with vibrating parts	Low risk		Parts of the rammer need to vibrate to fulfill task description	It is very difficult to contact vibrating parts during operation
Being struck by ramming shoe	Low risk	X	It requires conscious efforts by the operator to position his foot near the ramming shoe when having his hands on the guide handle	<b>Keep both hands</b> on the guide handle <b>Do not</b> operate rammer near others <b>Observe</b> operating instructions
Burns on exhaust	Medium risk	X		Protective guard provided Warning in instruction manual Wear protection equipment
Explosion or fire	Medium risk	X	When refueling machine, flammable liquids are exposed and vapors are present, which cannot be avoided	Always use appropriate care when handling petrol or diesel and read instruction manual <b>Observe safety decals fitted to machine</b>
Incorrect starting	Medium risk		Depends entirely on operators knowledge	<b>Read</b> instruction manual <b>Observe operation decals fitted to machine</b>
<b>Suffocate or suffer ill health due to:</b> Exhaust fumes & fuel vapors, especially when used in confined spaces	High risk		Exhaust fumes and petrol vapors are unavoidable	<b>Always operate and refill in well ventilated areas only</b>
Noise and dust	Medium risk	X	Environment in which machines are operated cannot be controlled by supplier	<b>Protective</b> cover provided <b>Wear</b> hearing and eye protection <b>Read</b> operators manual <b>Observe safety decals fitted to machine</b>