

## WALK-BEHIND ROLLER COMPACTOR WITH TWO DRUMS CHECKLIST

### PRE-OPERATION CHECKLIST

Category	Task	☑/☒
Visual Inspection	Check for any visible damage or wear on the drums.	
	Ensure all bolts and screws are securely tightened.	
	Inspect the hydraulic hoses for leaks or damage.	
	Check the condition of the scraper bars and adjust if necessary.	
Fluid Levels	Check the engine oil level and top up if necessary	
	Inspect the hydraulic fluid level and refill as needed	
	Ensure the fuel tank is full and check for any leaks	
	Check the coolant level in the radiator	
Drum Condition	Inspect the surface of the drums for cracks or excessive wear	
	Ensure the drums are clean and free from debris	
	Check the drum vibration system for proper operation	
Battery	Check the battery terminals for corrosion and clean if necessary	
	Ensure the battery is fully charged	
Safety Features	Inspect all safety guards and covers to ensure they are in place and secure	
	Check the emergency stop button for proper function	

### OPERATIONS:

CLEANING	<b>Clean the exterior of the machine and remove any dirt or debris</b>	
	Inspect and clean the air filter.	
INSPECTION	Conduct a thorough inspection of the drums and vibration system	
	Check for any signs of wear or damage that occurred during operation	
MAINTENANCE	Lubricate all moving parts as recommended by the manufacturer	
	Check fluid levels and refill as necessary	
	Report any maintenance issues to the appropriate personnel	

### POST OPERATIONS CHECKLIST

STARTUP PROCEDURES	Ensure the area is clear of any obstacles or personnel	
	Start the engine and allow it to warm up for a few minutes	
	Engage the vibration system and check for proper operation	
DURING OPERATION	Monitor the engine temperature and oil pressure gauges	
	Check for any unusual noises or vibrations	
	Ensure the compactor is moving smoothly and evenly	
	Adjust the speed and vibration settings as needed	
SHUTDOWN PROCEDURE	Dis-engage the vibration system and allow the drums to come to a complete stop	
	Turn off the engine and allow it to cool down	
	Conduct a final inspection of the machine and report any issues	

HSE OFFICER: _____ SIGNATURE: _____ DATE: _____ RE MARKS: _____ APPROVED/REJECTED: _____	OPERATOR: _____ ID/IQAMA: _____ TRAINING: _____ TPC: _____	ROLLER: _____ TPC: _____ ISSUES: _____ COMPANY: _____
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