

# OPENSORE

## EF26 Risk Assessment Vacuum Truck



Hazards Requiring Attention:

0

AS AT

Wednesday, 11 February 2026

Next Review

Thursday, 11 February 2027

Total Hazards Recorded

12

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

12

Low Risk Hazards

0

Risk Matrix - Refer Procedure Risk Management

| Probability    | Low | Minor | Moderate | Major | Critical |
|----------------|-----|-------|----------|-------|----------|
| Negligible     | L2  | L3    | L4       | M5    | M6       |
| Unlikely       | L3  | L4    | M5       | M6    | H7       |
| Possible       | L4  | M5    | M6       | H7    | H8       |
| Likely         | M5  | M6    | H7       | H8    | E9       |
| Almost Certain | M6  | H7    | H8       | E9    | E10      |

# Vacuum Truck

| Activity  | Hazard                            | Probability   | Consequence | Ranking | Control                                                                                                                                                                                                                                                                                                                                                                                        | Probability   | Consequence | Ranking |
|-----------|-----------------------------------|---------------|-------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|---------|
|           |                                   | Inherent Risk |             |         |                                                                                                                                                                                                                                                                                                                                                                                                | Residual Risk |             |         |
| Operation | Incorrect Operation               | 5             | 4           | E9      | Mandatory Heavy Vehicle licence.                                                                                                                                                                                                                                                                                                                                                               | 1             | 4           | M5      |
| Operation | Road Worthiness                   | 5             | 4           | E9      | Maintain appropriate RMS registration                                                                                                                                                                                                                                                                                                                                                          | 1             | 4           | M5      |
| Operation | Road Worthiness                   | 5             | 4           | E9      | Regular service as per manufacturers recommendations. Pre-start checklists.                                                                                                                                                                                                                                                                                                                    | 1             | 4           | M5      |
| Operation | Entanglement With Moving Parts    | 4             | 4           | H8      | Guards to be in place at all times.<br>Machine to be shut down during maintenance and no unauthorised persons in area.<br>PPE and 1st aid kit.<br>Offsider to be at least 25 metres away from machine whilst in operation.<br>All machine operators appropriately licenced.                                                                                                                    | 1             | 4           | M5      |
| Operation | Entrapment                        | 4             | 4           | H8      | Labelling and identification of all pinch points and no go area on machinery.<br>Follow standard operational machine practices.<br>Guards to be in place at all times where able.<br>Plant operator to have visual on ground crew at all times.<br>JSEA prior to work commencement.<br>Machine to be shut down during maintenance and no unauthorised persons in area.<br>PPE and 1st aid kit. | 1             | 4           | M5      |
| Operation | Stored Energy - vacuum & pressure | 4             | 5           | E9      | Operators manual.<br>Competent, certified and authorised plant operator. JSEA for site specific/equipment operations. Exclusion zones where applicable.<br>Maintenance to be performed by accredited personnel only. Pre work inspections. PPE and 1st aid kit. Flashing beacon on roof of machine.                                                                                            | 1             | 5           | M6      |

| Activity  | Hazard                                          | Probability | Consequence | Ranking | Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Probability | Consequence | Ranking |
|-----------|-------------------------------------------------|-------------|-------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------|
| Operation | Roll-over & Tip-over                            | 3           | 4           | H7      | Ground stabilisation. Competent, certified & authorised plant operator. Exclusion for operator interaction whilst working on unstable/unsteady ground. JSEA for works in moving shifting ground. Operate as per manual guidelines. Pre work inspections. PPE & 1st aid kit. Flashing beacon on roof of machine.                                                                                                                                                                                                                                                                  | 1           | 4           | M5      |
| Operation | Work Area - Access & Egress                     | 3           | 4           | H7      | Obey traffic signage. Sign pre work briefing e.g (SWMS, JSEA, SITE INDUCTION). Daily operator's plant inspection. Communication with site supervisor. Flashing light to be fitted to the vehicle and turned on when entering site. Driver must be licensed. Be aware of other mobile plant on site. Do not block roads or throughways. Vehicle to contain first aid kit and fire extinguisher. Vehicle must not be overloaded and loads must be secured properly. Personnel are not to use handheld mobile phones whilst driving. Personnel are to wear seat belts at all times. | 1           | 4           | M5      |
| Operation | Roll-over & Tip-over - Driving on Sloped Ground | 3           | 4           | H7      | Observe correct procedure in the event of overturning. Maintain slow speed when driving across slopes. Maintain low centre of gravity if possible. Avoid driving on slopes if not necessary.                                                                                                                                                                                                                                                                                                                                                                                     | 1           | 4           | M5      |

| Activity              | Hazard            | Probability | Consequence | Ranking | Control                                                                                                                                                                                                                                                                                                                                                                                                                     | Probability | Consequence | Ranking |
|-----------------------|-------------------|-------------|-------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|---------|
| Operation             | Breakdown         | 3           | 4           | H7      | Exercise extreme care on the traffic side of the truck, make sure you're wearing reflective vest. Make sure you put the reflective triangles at the back and front of truck at the correct distance from truck. Position the truck as far off the road as possible and turn hazard lights on. Warn on coming traffic of hazard if safe to do so. Stay with truck and contact supervisor and ask for assistance if required. | 1           | 4           | M5      |
| Operation             | Refuelling - Fire | 4           | 5           | E9      | Remain with truck whilst refuelling. Follow directions and warnings at fuel outlets. Adhere strictly to warnings prohibiting the use of electronic equipment. Only fill appropriate fuel in truck. Always discharge static electricity before touching fuel pumps.                                                                                                                                                          | 1           | 5           | M6      |
| Equipment Maintenance | Inspection        | 3           | 4           | H7      | Equipment to be delivered as per operational and manufacturer's specification. Inspection will also consist of pre start book, operators manual, maintenance manual, 1st aid kit, flashing light, fire extinguisher and spill kit. Inspections carried out in excluded zone from other plant and vehicle interface.                                                                                                         | 1           | 4           | M5      |