**A1 Group H&S Method Statement**

This Health and Safety Method Statement has been prepared by A1 Group and concerns the use of the Effluent Waste Screening Machine.

Please find below details of the work to be carried out and any perceived hazards associated to the work involved and should be read in conjunction with quotation provided.

**Nature of Work**

Effluent Waste Screening.

The machine is a 25’ long x 8’ wide waste screening apparatus with twin 10mm perforated aluminium screens. It has a diesel engine powered rotating drum of 4 brushes that remove the oversize waste. It is designed to be single person operated.

**Scope of work for A1 Employee**

1. At its specified site the machine needs to be placed on solid even ground, preferably with a slight backward incline.
2. Place a waste skip next to the machine in line with the large-waste disposal chute.
3. A first stage filter skip is located in front of screening machine.
4. The filter skip and screening machine are connected by two 4” diameter hoses with Bauer connections via a diesel pump.
5. The operator must put on all necessary PPE.
6. The diesel pump is started.
7. The operator then enters the machine by means of the step ladders provided.
8. The engine is started by means of a key, ensuring the clutch is disengaged.
9. The clutch is then engaged and the rotating drum will turn.
10. When rotating, the operator climbs the steps out of the main base of the unit and returns to the operating platform.
11. The tanker driver connects the tanker discharge valve to the filter skip with a 4” diameter hose with twin Bauer connections.
12. The tanker driver opens vent valve on tanker.
13. The tanker driver then gradually opens the discharge valve, liaising with the operator about the flow rate.
14. The effluent waste passes through the filter skip where any objects larger than 19mm are trapped.
15. It is then pumped into the waste screening machine.
16. The effluent waste is screened by the first stage filter which has 10mm perforations.
17. The rotating drum removes the waste larger than 10mm into the side holding tray.
18. The waste in this tray is then manually raked to the discharge end of the tray compressing any excess fluid.
19. This waste is then sent down the chute into the waste skip, which is fully enclosed.
20. The fluid waste that has passed through the first stage filter then passes through a second stage 10mm filter and out of the discharge valve.
21. It then passes down another 4” diameter hose to its final waste discharge destination.
22. When the tanker is empty, close the discharge valve.
23. Disconnect the hose.
24. When all the waste is out of the screening machine disconnect the clutch.
25. Switch off the machine.
26. Exit the machine by the step ladder provided.

**Potential Hazards to A1 Group employees**

1. Falling off step ladder

Control Measure: Ensure when climbing step ladder appropriate footwear and PPE worn at all times.

**A1 Declaration:**

* There will be no hazardous materials used
* No chemicals
* No silicone
* No burners
* No oils
* No lubricants
* No gas or naked flames
* No water
* No mains voltage tooling

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| **Confirmation** |

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| Print Name:  |

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| Signature:  |  | Date:  |