**A1 Group H&S Method Statement**

This Health and Safety Method Statement has been prepared by A1 Group and concerns the cleaning of effluent plant area for Gate Gourmet at Heathrow Airport 1071 Southampton Road, Heathrow Airport, London Heathrow Airport, Hounslow, Middlesex TW6 3AQ <Insert Date>.

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***

Removal and disposal of all waste from plant area at Gate Gourmet facility

***A1 Employees***
There will be 5 x A1 staff in total including 1 x supervisor

***Equipment***

1. 1 x 3000 gallon jetvac
2. 1 x jetting van
3. 2 x 4000 gallon tanker

***PPE***

1. All A1 Group employees will wear correct PPE at all times whilst undertaking all work associated with the contract
2. 1 x breathing equipment to be on site for duration of job if required, capable of supplying oxygen to 2 x masks for a1 employees.
3. 2 x confined space equipment on site including escape sets and gas monitors

***Safe Operating Procedures***

1. A1 staff attend site and report to maintenance off and sign all permits
2. All staff confined space trained all correct ppe to be worn, Tyvek suits, wellies, gloves, glasses or mask and hard hat
3. Effluent plant area to be tested for gases with gas monitors and readings to be taken over a 15 minute period, if gases are present then breathing gear to be used at all times within a close proximity of effluent plant
4. All above ground operatives to have gas monitors present at all times
5. If no gases are detected above ground or below ground then we will proceed using gas monitors at all times and escape sets at all times
6. If gases are detected from the start then breathing gear will be used throughout the job until all effluent plant is cleaned and all waste is removed and client is happy with work carried out
7. Gas monitor readings to be taken periodically throughout job
8. Working in the effluent plant all A1 employees to have short breaks throughout job
9. Skip is already in place for all solid waste removed from area including employees PPE once been used

 ***Nature of work***

1. A1 staff attend site and sign in to security
2. Park all vehicles in close proximity of effluent plant
3. All staff to attend maintenance office for briefing on works and sign all relevant paperwork RAMS etc
4. All staff to return to effluent plant and set up gas monitors in 2 x locations by effluent plant
5. 1x monitor to be placed by top of effluent plant where all vehicles will be parked and tanker operatives and jetvac operatives will be positioned and take readings over 15 minutes to make sure area is safe to work.
6. 2nd gas monitor to be positioned on staircase leading down into effluent plant and readings taken over 15 minutes.
7. If area is safe where vehicles are parked then we will setup vehicles in the position close to effluent plant ready to commence work.
8. If readings are detecting gases we will move vehicles further away from effluent plant and carry out more tests using gas monitors until we have a safe working area for above ground operatives.
9. If gas monitor on staircase to effluent plant has detected gas then we will enter only using breathing equipment at all time and for duration of job.
10. Enter effluent plant via the staircase and follow handrail system to final effluent pit remove any trip hazards from walkways or leftover debris and bring back up stairs and place in skip.
11. Carry down 4 inch suction hose extension for jetvac to be connected for suction.
12. Hoses to be lowered into final effluent pit until in a suitable position and tied off to restrict movement
13. Jetcav operator to lower 4 inch suction hoses down from the roof edge of effluent plant to be connected to existing hoses.
14. Jetvac operator and jetting van operative to lower down jetting hoses from roof to assist with cleaning process.
15. Below ground operatives to carry down a ladder and secure ladder to handrail gantry within the effluent plant to allow access to final effluent pit.
16. Valve on screener to be isolated shut to stop any liquids entering the final effluent plant
17. Tanker to be set up on manhole outside effluent plant to extract liquid waste which cannot get to the effluent plant and be taken to a licenced facility and disposed of
18. Tanker will carry out this process throughout job until complete
19. Below ground operatives to use jetvac suction hose to remove as much waste as possible from gantry until waste is at a safe level to enter pit using ladder
20. Once able to enter they will squigi all waste in pit to the suction hose and once all waste has been removed they will use jetter to wash down all walls and surfaces until its to a good standard
21. Once jetvac is full operator will transfer load onto second tanker which will also be taken for disposal
22. This process will be carried out over and over again until whole area is clean and tidy.
23. Once complete all equipment will be removed from effluent plant and cleaned down.
24. All equipment to be removed from area
25. Operatives will the connect the jetvac suction hose to the existing siltbuster which is at one side of the effluent plant above ground
26. All waste to be sucked out from siltbuster and access the top of siltbuster using fixed staircase and handrail and jetwash all insides clean
27. Once all is clean remove all suction hoses and jetting hoses.
28. Operatives to open valve again on screener to allow liquids into the effluent plant.
29. Once all this is complete operatives to clean out final tank which is situated by the entrance of the effluent plant using suction hoses and jetter until tank is clean.
30. Final job is to clean out pumping station in corner of site behind effluent plant
31. Remove grid from top of pumping station
32. Lower down suction hoses from jetvac until it reaches bottom
33. Commence suction until all liquids removed
34. Use high pressure jetter with extension on jetwash to remove all debris and grease
35. Pack away all equipment ensure it is stored safely and exit site in control manner

**Potential Hazards to A1 Group employees**

The potential hazards and risks to which the teams may be exposed are:

1. *Gases*

Control Measure: Effluent plant area to be tested for gases with gas monitors and readings to be taken over a 15 minute period, if gases are present then breathing gear to be used at all times within a close proximity of effluent plant.

If readings are detecting gases we will move vehicles further away from effluent plant and carry out more tests using gas monitors until we have a safe working area for above ground operatives.

1. *Trip Hazards*

Control Measure: Enter effluent plant via the staircase and follow handrail system to final effluent pit remove any trip hazards from walkways or leftover debris and bring back up stairs and place in skip.

A1 employees will erect signage if deemed necessary to warn of pumps and hoses in operation

1. *Using Jetvac*

Control Measure: Only be operated by A1 employee who is fully trained. A1 Group will ensure access to these areas is strictly controlled whilst work is being undertaken. No signage is required as area is not a public pedestrian access.

1. *Waste Material. There will be approx.* ***XX*** *tonnes of debris collected*

Control Measure: Tanker to be set up on manhole outside effluent plant to extract liquid waste which cannot get to the effluent plant and be taken to a licenced facility and disposed of

1. *Lifting equipment:* All A1 employee have been trained in correct manual handling techniques

***Other:***

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

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| **Confirmation** |

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| Print Name:  |

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| --- | --- | --- |
| Signature:  |  | Date:  |