

Infrastructure Management and Monitoring Programme

GR-E08

Overview

This procedure provides an overview of all the necessary infrastructure monitoring and inspection programmes that need to be carried out in order to ensure compliance with the Site Environmental Permit.

1. Monitoring

The Operations Manager will monitor the key characteristics of the operations and activities that could have a significant impact on the environment.

The Operations Manager will visually inspect the site on a daily basis. If spillages or strong local odours are detected then action will be taken accordingly.

Monitoring duties include:

- Checking roadways for any spills of delivered materials;
- Checking waste storage area for any spills or leakages;
- Checking cleaned bins prior to their reuse to ensure integrity;
- Checking all security measures including the integrity of the site fence;
- Checking the integrity of all concrete hardstanding and bunds.

All details are logged in the site diary with any comments and actions taken.

2. Checks and Tasks

There will be daily checks to ensure that all equipment is working properly. An example of a check sheet used for this is shown in Form 3 – Daily Check Sheet.

There will be regular inspection and maintenance of areas particularly:

- Clinical Waste Reception Hall;
- Bin Holding Areas;
- Waste Reception Hall;
- Clean Bin Storage Hall;
- Waste Bins;
- Bin Wash;
- Loading Systems;

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- Shredder Systems;
- Conveyors;
- Clinical Waste Autoclaves;
- Metering Bins;
- Drying Plant;
- Metal Separation Unit;
- Zig zag separator;
- Fuel Bunkers;
- Odour Control System;
- Pyrolysis Units;
- Gas Engines;
- Gas Boilers;
- Char Silo;
- Tanks / Storage Vessels;
- Hardstanding;
- Containment Systems; and
- Site Boundary.

Detailed inspection and maintenance procedures, including disinfection and cleaning procedures, are under development. All relevant staff will be trained in these specific work instructions which will be in place prior to operation of the site.

Inspections will pay particular attention to signs of damage, deterioration and leakage. If any damage is noted, it will be recorded in the site dairy and will be repaired as soon as possible. If containment capacity or the capability of bunds is compromised then waste will be immediately removed until repaired.

Tanks will be inspected routinely which will include periodic thickness testing. If significant deterioration is detected then the contents will be transferred to appropriate storage. These inspections will be carried out by independent competent staff and written record will be maintained of the inspection and any remedial action taken. Tanks will also be inspected at regular intervals to ensure that they are not used beyond the specified design life or are used for substances that they were not designed for.

If there is any incident or accident that causes or could cause significant pollution the EA will be contacted immediately.

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Monitoring will be carried out in line with the relevant Regulations and Legislations and cover the whole site as detailed on the site plan. If the measures identify a breach of requirements an action plan will be raised and implemented. When relevant, the EA will be notified in writing.

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3. Training Record

The below signatories have received training and understand all aspects of procedure GR-E08.

Table 3.1: Training

| PRINT EMPLOYEE NAME | EMPLOYEE SIGNATURE | DATE | MANAGER INITIALS | UN-CONTROLLED COPY ISSUED (✓) |
|---------------------|--------------------|------|------------------|-------------------------------|
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Daily Check-Sheet

| Week Beginning | | |
|--------------------------------------|---------|--------|
| Clinical Waste Reception Hall | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| Bin Holding Area | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| Clean Bin Storage Hall | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| Waste Bins | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| Bin Wash | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| Loading Systems | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| Shredders | | |
| Monday | Checked | Signed |

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| | | |
|----------------------------------|---------|--------|
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Conveyors | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Clinical Waste Autoclaves | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Metering Bins | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Drying Plant | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Metal Separation Unit | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Fuel Bunkers | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Odour Control System | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |

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| | | |
|--------------------------------|---------|--------|
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Pyrolysis Units | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Gas Engines | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Gas Boilers | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Char Silo | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Tanks / Storage Vessels | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Hardstanding | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Containment System | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |

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| | | |
|----------------------|---------|--------|
| Thursday | Checked | Signed |
| Friday | Checked | Signed |
| | | |
| Site Boundary | | |
| Monday | Checked | Signed |
| Tuesday | Checked | Signed |
| Wednesday | Checked | Signed |
| Thursday | Checked | Signed |
| Friday | Checked | Signed |

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