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| No Loss assessment against Appropriate Measures for Healthcare Waste Guidance Healthcare waste. | | | |
| Section | Compliance (Yes/No | | Notes |
| **1.0 Definition of healthcare waste** | Yes | | The No Loss Installation will only process reusable sharps boxes consigned from healthcare waste and associated sources, including Home patients.  Related Documents:   * EA Permit * HTM 07-01 |
| **2.0 Managing Healthcare wastes** | Yes | | • HTM 07-01  • EA Permit |
| **3.0 General management appropriate measures** |  | |  |
| **3.1 You must have and follow an up-to-date, written management system that incorporates the following features.** | Yes | | Related Documents:   * ISO 14001:2004 * ISO 9001: 2008 * E001 i3 Environmental Policy * E002 Environmental Management System * E003.1 Company Structure * E003.2 i2 Roles and Responsibilities * E003.3 Training, Awareness and Competence * H003.32 i4 Maintenance Monthly Checklist * E007.11.1 i3 Odour Management Plan LH * E007.12.1 Noise management procedure LH * H004.1 Fire Prevention Plan (Littlehampton Autoclave Facility) * E008 Performance Monitoring |
| **3.2 Staff competence** | Yes |  | Related Documents:   * 2 x CoTC holders (WAMITAB) |
| **3.3 Accident Management plan** | Yes |  | Related Documents:   * H011 i6 Accident Management Plan LH * D003 LH Emergency Response |
| **3.4 Accident prevention measures** | Yes |  | Related Documents:   * H001 i6 Health Safety Policy |
| **3.5 Contingency plans and procedures** |  |  | Related Documents:   * E011 Business continuity policy * E011.1 i3 Business Continuity Plan |
| **3.6 Plant decommissioning** | NA |  | NA in our Current circumstances |
| **4.0 Waste pre-acceptance, acceptance and tracking appropriate measures** |  |  |  |
| **4.1 Waste pre -acceptance** | Yes |  | Related Documents:   * E007.4.1.1 i12 Pre-Acceptance Waste Audit form * E007.5 i6 Waste Management Procedure * E005.2.1 i12 Waste Types Permitted for Storage Pre acceptance waste audits are kept on a MoPs system filed against customer collection point data. |
| **4.2 Waste acceptance** | Yes |  | Related Documents:   * E007.5.9 i4 MediTrack Waste Booking & Tracking Procedure * D012 Waste treatment flow * E007.5 i6 Waste Management Procedure * D002 LH Waste storage   MediTrack is our waste tracking system that Monitors waste coming into the facility and leaving the facility. |
| **4.3 Waste tracking** | Yes |  | Related Documents:   * E007.5 i6 Waste Management Procedure * E007.5.9 i4 MediTrack Waste Booking & Tracking Procedure * D002 LH Waste storage   MediTrack is our waste tracking system that monitors waste coming into the facility and leaving the facility. |
| **5.0 Waste storage, segregation and handling appropriate measures** | Yes |  | Related Documents:  • EA Permit  • E007.5 i6 Waste Management Procedure  • E007.5 i6 Waste Management Procedure  • E005.2.1 i12 Waste Types Permitted for Storage etc  • D002 LH Waste storage |
| **5.1 Compaction of healthcare waste** | NA |  | For the No Loss Installation. |
| **6.0 Waste treatment appropriate measures** |  |  |  |
| **6.1 General waste treatment** | Yes |  | Please keep in mind that the No Loss Installation /process is design to allow the re use of the Primary waste container in this case sharps boxes the actual waste the sharps are bulked up for offsite disposal. |
| **6.2 Plant commissioning and validating the efficacy of treatment** | Yes |  | This assessment is designed to demonstrate that the engineering and process controls  associated with the Sharpak NOLOSS Wash System is capable of decontaminating reusable  sharps containers of different sizes (as supplied by Sharpak Healthcare).  The requirement described in ISO 23907-2 ; 2019 is that reusable sharps containers are  rendered safe for subsequent handling and reuse using either physical, chemical or thermal  means either singularly or in combination. To achieve this, the system must remove a >104  population from the surface of the reusable sharps container and show no recovery of the  target species  For the results of this testing please document IMSL IMSL2024/05/001.1A |
| **6.3 Validation tests for treating infectious wastes** | Yes |  | This assessment is designed to demonstrate that the engineering and process controls  associated with the Sharpak NOLOSS Wash System is capable of decontaminating reusable  sharps containers of different sizes (as supplied by Sharpak Healthcare).  The requirement described in ISO 23907-2 ; 2019 is that reusable sharps containers are  rendered safe for subsequent handling and reuse using either physical, chemical or thermal  means either singularly or in combination. To achieve this, the system must remove a >104  population from the surface of the reusable sharps container and show no recovery of the  target species  For the results of this testing please document IMSL IMSL2024/05/001.1A |
| **6.4 Routine plant efficacy testing** | Yes |  | * We are planning to test the Emission from the abatement plant serving the No Loss installation (HEPA filter) every 6 months in line with BS EN12619 * Medisort is open to Conversation with the EA to see what testing regime best suited to for ongoing efficacy testing as it’s not clear with Appropriate Measures what this testing would be for this style of installation. |
| **7.0 Emissions control appropriate measures** |  |  |  |
| **7.1 Point source emissions to air** | Yes |  | The No Loss installation has 2-point source of emissions to air.   * From the “Sharps Box Opening Area” Emission to air from the “Sharps Box Opening Area”,, which operates under negative pressure, is extracted to the atmosphere with in the existing building via an HEPA filter. * Steam extractor to help with the drying process from the washing process is extracted to atmosphere within the existing building and is not filtered due to being post cleaning process. |
| **7.2 Fugitive emissions to air** | NA |  | This is not applicable to the No Loss installation. |
| **7.3 Emissions of noise and vibration** | Yes |  | Overall, the site has a Noise management procedure in place, we do not foresee the No Loss installation contributing to additional noise or vibration at the site. due to its inherent design.   * E007.12.1 Noise management procedure LH |
| **7.4 Point source emissions to water and sewer** | NA |  | There will be no emissions to water or sewer due to the wash water being containerised and being disposed of offsite. |
| **7.5 Fugitive emissions to land and water** | NA |  | Overall, the site has controls in place to manage such things like litter and appropriate drainage we do not foresee the No Loss installation contributing to any fugitive emissions to land or water inherent design. |
| **8.0 Emissions monitoring and limits appropriate measures** |  |  |  |
| **8.1 Emissions to air** | NA |  | The No Loss installation has 2-point source of emissions to air.  • From the “Sharps Box Opening Area” Emission to air from the “Sharps Box Opening Area”, which operates under negative pressure, is extracted to the atmosphere with in the existing building via an HEPA filter.  • Steam extractor to help with the drying process from the washing process is extracted to atmosphere within the existing building and is not filtered due to being post cleaning process.  The emissions points are not metered as there exit into the existing building/facility. |
| **8.2 Emissions to water or sewer** | NA |  | There will be no emissions to water or sewer due to the wash water being containerised and being disposed of offsite |
| **9. Process efficiency appropriate measures** |  |  |  |
| **9.1Energy efficiency** | Yes |  | This will be Integrated into our current permit requirements along with reporting requirements. |
| **9.2 Raw materials** | Yes |  | This will be Integrated into our current permit requirements; we will be looking at minimising water usage. |
| **9.3 Water Use** | Yes |  | This will be Integrated into our current permit requirements; we will be looking at minimising water usage. |
| **9.4 Waste minimisation, recovery and disposal** | Yes |  | This will be Integrated into our current permit requirements along with reporting requirements. |