



Castle Environmental

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Summary of Environmental Management System – Castle Waste Services Cardiff

Document Ref: LP3439HM/V005/EMS

Castle Waste Services Ltd has an Environmental Management System (EMS) in place that is accredited to ISO14001 and is subject to audit by an independent 3rd party.

In addition to the requirements of the ISO 14001 standard, the management system is also required to meet the requirements of BAT Conclusion 1 in accordance with the requirements specified within the BAT Conclusions of the Waste Treatment BREF Document.

Castle recently provided a summary of the EMS in comparison to BAT Conclusion 1 as part of an Improvement Condition relating to the introduction of the BREF to the existing Environmental Permit.

That summary is presented below as an overview of the EMS in support of the application for a Minor Technical Variation to the permit.

Summary of EMS for permit LP3439HM in accordance with BATC1 of BREF

Ref	Requirement	Response
I	commitment of the management, including senior management;	Castle operates an Environmental Management System that is accredited to the International Standard ISO14001:2015. An EMS in accordance with the standard is able to satisfy the majority of the requirements outlined in BATC 1. An overview of the EMS is detailed within document 1.1.4 – EMS Manual. Additional documents are in place that specifically satisfy the additional requirements of BATC 1. These include: 2.3.5.3 - Site Closure Plan
II	definition, by the management, of an environmental policy that includes the continuous improvement of the environmental performance of the installation;	
III	planning and establishing the necessary procedures, objectives and targets, in conjunction with financial planning and investment;	

IV	implementation of procedures paying particular attention to: (a) structure and responsibility, (b) recruitment, training, awareness and competence, (c) communication, (d) employee involvement, (e) documentation, (f) effective process control, (g) maintenance programmes, (h) emergency preparedness and response, (i) safeguarding compliance with environmental legislation;	2.3.1.10 – Accident Prevention Plan Waste Stream Management System (BATC 2) – Measures outlined in Table 2 below. LP3439HM/22/EN/02/01 – Waste Water Inventory LP3439HM/22/IC/06/001 – IC6 LP3439HM (Waste Gas Inventory) LP3439HM/22/EN/03/01 - Residue Management Plan Odour Management Plan - Not deemed to be required. Noise and Vibration Management Plan not deemed to be required.
V	checking performance and taking corrective action, paying particular attention to: (a) monitoring and measurement (see also the JRC Reference Report on Monitoring of emissions to air and water from IED installations – ROM), (b) corrective and preventive action, (c) maintenance of records, (d) independent (where practicable) internal or external auditing in order to determine whether or not the EMS conforms to planned arrangements and has been properly implemented and maintained;	
VI	review, by senior management, of the EMS and its continuing suitability, adequacy and effectiveness;	
VII	following the development of cleaner technologies;	
VIII	consideration for the environmental impacts from the eventual decommissioning of the plant at the stage of designing a new plant, and throughout its operating life;	
IX	application of sectoral benchmarking on a regular basis;	
X	waste stream management (see BAT 2)	
XI	an inventory of waste water and waste gas streams (see BAT 3);	
XII	residues management plan (see description in Section 6.6.5);	
XIII	accident management plan (see description in Section 6.6.5);	
XIV	odour management plan (see BAT 12);	
XV	noise and vibration management plan (see BAT 17).	

