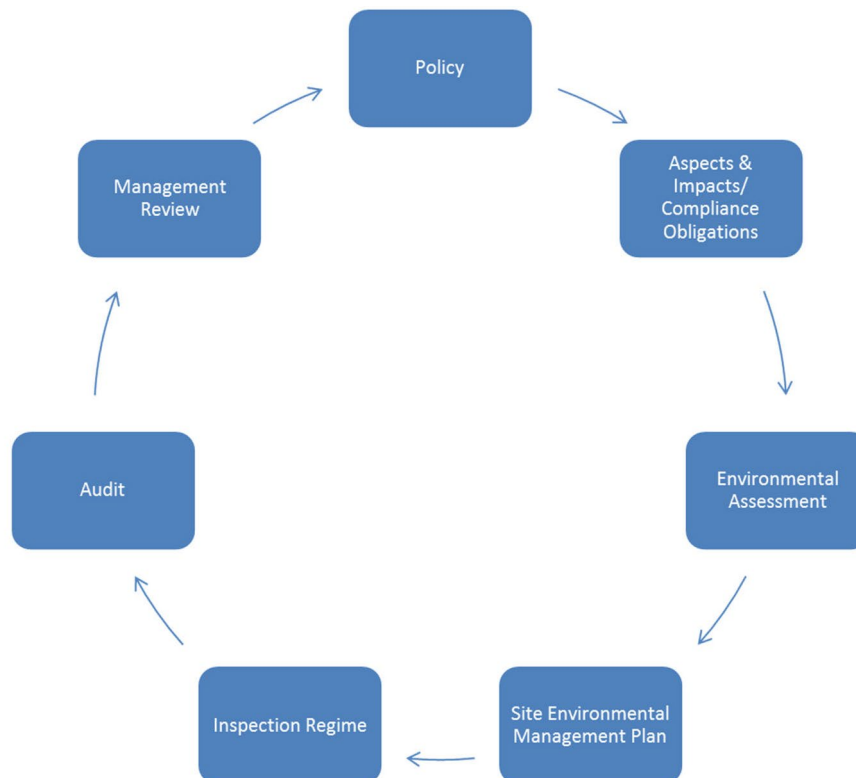


Summary of Environmental Management System

Tarmac Trading Limited (Tarmac) has in place an Environmental Management System (EMS) that is certified to the international standard: ISO 14001. The site will be operated in accordance with the overarching Core Integrated Management System and Site Integrated Management Systems (SIMS) which covers all permitted Tarmac sites across the United Kingdom and is collectively referred to as the EMS. The EMS procedures have been developed with reference to relevant guidance¹ applicable to permitted activities in England, Wales, Scotland and Northern Ireland.

Tarmac is committed to preventing pollution of the environment as a result of its activities and the continual improvement of its environmental performance. Through a dedicated environmental and sustainability panel business objectives are developed. Environmental performance measures are also monitored by these forums and targets are set to enable performance levels to be continuously improved.

The EMS follows the Plan Do Check Act (PDCA) cycle as illustrated below:



Tarmac aims to minimise the environmental impact of its activities by:

¹ Environment Agency guidance; “Develop a management system: environmental permits” and “control and monitor emissions for your environmental permit” available on the GOV.UK website.

- regularly monitoring the effective deployment of the EMS through a series of graded audits
- prior to undertaking work on behalf of Tarmac, all sub-contract personnel will be made aware of site-specific environmental concerns and vulnerabilities through the site induction process
- reducing the amount of waste materials generated by their activities; attempting to recycle and reuse such materials wherever practical and where this is not achievable, disposing of such waste in a responsible manner
- seeking to use raw materials in an efficient manner, replacing them with substitute recycled raw materials where practicable and safe to do so
- promoting the efficient and reduced use of water, fuels and energy, thereby reducing carbon emissions and mitigating the potential for climate change
- purchasing, utilising and storing materials in a manner which poses minimal risk to both individuals and the environment, as far as is practical.

A summary of the key elements in the EMS are summarised in Table 1.

Table 1: Environmental Management System Summary

Section	Description
Company Environmental Policy	Tarmac's Environmental Policy provides a high-level vision, detailing how it expects operations to be managed and its environmental performance to be communicated to its stakeholders to enable the effective deployment of the related principles across its operational sites.
Site Infrastructure Plan	Each permitted site will have a plan drawn to scale, showing the site layout including (where applicable) buildings, emergency exit and entrances, drainage, mains water, gas and electricity, monitoring points and emergency equipment.
Site Operations	All operational sites will be the subject of an Environmental Assessment and will maintain up-to-date SIMS. This will identify specific activities and their potential impacts on the environment, enabling the site staff to implement the appropriate controls. The implementation and effectiveness of the controls are then supported by audits which to monitor compliance.
Site Equipment and Maintenance Plan	Equipment, infrastructure and machinery will be subject to maintenance plans in accordance with the manufactures recommendations. Plant and equipment will be inspected in accordance with the company procedures.

Contingency Plans	In accordance with the procedures within the IMS site must have a plan to follow in the event of emergency machinery breakdowns; enforced shutdowns or any other changes in normal operations are contained.
Accident prevention and management plan	Procedures are contained within the IMS relating to aspects and impacts, pollution prevention and local emergency planning. It is the site manager responsibility to undertake a site aspects and impact assessment of the operations in normal and abnormal conditions, and for identifying the key environmental aspects of its activities. Through this process the aspects of the operations, that may have a significant impact on the environment can be identified and prioritised for corrective action and improvement together with an evaluation of legal compliance at the site. The site manager/supervisor, together with representatives from the site/area and the compliance and environmental permitting personnel identify and prioritise control measures relevant to the potentially significant environmental impacts of the operations. Any accidents or incidents will be investigated in accordance with the procedures contained within the IMS.
Climate Change Adaption and Risk Assessment	Sites are required to complete a Climate Change Assessment includes a risk assessment detailing potential changing climate variables, the impacts these could result in, with consideration to the likelihood and severity to determine the risk rating. Actions to mitigate against the potential changing climate variables are included to understand the residual risk.
Complaints Procedure	There is a procedure to record complaints in relation to permitted activities, including how these are investigated, actioned, escalated and recorded.
Staff Competence and Training	<p>A Technically Competent Manager will oversee permitted activities. Sufficient staff are employed for the site to run effectively to comply with the permit. Staff and contractors will receive the appropriate training, and this will be checked and recorded.</p> <p>A copy of the full EMS will be readily available at the site and accessible for inspection once the site is operational, following the issue of the Environmental Permit.</p>
Record Keeping	Each site undertakes all necessary monitoring and measurement of operational activities, as required by legislation, such as

	<p>environmental permits and planning consents. All such monitoring and measuring information is documented and recorded in the site legal register.</p>
EMS Reviews	<p>The Environment Manager establishes and monitors an annual inspection programme ensuring that all sites are audited by an independent manager who has no responsibility for the site. The auditor completes an associated audit summary sheet, agreeing and summarising as necessary a list of recommended actions in consultation with the site manager. The audit summary sheet is then included in the SIMS and priorities and timescales are assigned. A date for a follow-up visit to ensure close out of any actions has been completed is set up by the visiting auditor and the manager/supervisor. The follow up visit is also be used to ensure previous actions are continuing to work and are effective.</p> <p>There is a tiered review of the EMS at top management level, local area level and at site management level including the procedures, environmental policy and the objectives and targets for the company in order to support its ongoing effectiveness, suitability, adequacy and stability.</p>