

EPR Permit Ref: BS3905IP. Tata Steel Strip Products UK, Llanwern Works
Re: Permit Condition: 4.1.4. EMS Summary of progress against targets

The following items comprise of the improvement projects as part of the ISO14001 Objectives, Targets & Programme(s) clause.

EMS Summary 2023

[1] Complaints & Air Quality

No air quality breaches, or complaints recorded in 2023. Atmospheric sampling schedule in place and performed. All results were within permitted limits.

[2] EPR Compliance

7 Part A notifications were submitted during 2023, all relating to waters, and mainly suspended solids in effluent waters. Lagoon 14, prior to consent point, was desilted in May 2023 to increase capacity for settlement of suspended solids and storm water attenuation. In 2023 there were several named storms, that brought heavy rainfall, contributing additional run off waters into the effluent system, which was evident in the volume of water received at the storm water pump house. Continuous work on maintaining effluent network carries on. No notifications for air emissions. CCS points for CY 2023 is pending.

[3] Environmental Aspects

Environment aspects and impact registers are reviewed as necessary, for example, following changes to legislation, incidents, improvements, investments etc. They are an integral part of the environment management system and audited throughout the year by internal and external auditors. In addition, as part of annual plan strategy, standardisation of aspects registers across Tata Steel UK commenced and will continue into 2024.

[4] Waste Management

The annual (non-steel) waste recycling target was set at 50%, our annual performance was on target. General waste can vary year to year dependant on maintenance and improvement activities across the site. General waste produced was very similar to those of previous year. Majority of the general waste is routed waste to energy.

Focus has been, and will continue into 2024, on the upcoming changes in legislation in Wales for separated waste collections for workplaces from April 6th 2024 and zero to landfill.

The working relationship with site Waste Management Service provider remains positive. Regular meetings with waste management contractor to discuss performance and opportunities maintained.

[5] 'Other' Improvement Projects

There have been several improvement projects in operation at Llanwern during FY 2023/24 of which are documented below. These are discussed in environmental management reviews and environment annual plan forums.

UKETS Standard deployment and compliance

Continuing on from previous years progress with AP strategy. Llanwern, with other relevant Tata Steel UK sites, continued to work on standardisation of deployment and data management. Llanwern reviewed its monitoring methodology plan. Representatives from Tata Steel UK sites continue to meet and discuss UKETS compliance on a monthly basis.

Permit Compliance – Water emissions

Predominantly Part A notifications relate to effluent and storm waters. We continue to gather data of internal and external influences to the whole of the effluent network. Additional sample points and analysis suite identified and performed during 2023, enabling a more detailed approach when reviewing data to confirm quality of input and output waters. Potentially identify opportunities to improve water quality.

Legionella Management

Established management system to control bacterial risks associated with water systems. Automated controls and access to a live portal for cooling tower performance. Treatment is managed by approved contractors and regular dialogue and monthly governance meetings were held throughout 2023 with contractors and system owners. In addition, there are monthly and quarterly review sessions focusing on standardisation of scorecards to measure leading KPI's, identify best practice and share and learn across Tata Steel UK sites.

Energy Tactical Plan

The energy and utilities tactical plan continues and evolves year on year. Focusing on optimisation of steam, gas, electricity, water, compressed air and de-carbonisation opportunities.

For example, we continue to focus on steam usage in plant rooms/plant areas, repairing steam leaks and replacing lagging, optimising Zodiac waste heat boiler. Progress with upgrading lighting units and controls. Optimising the variable speed drives at the storm water pump house. Controlling water consumption by optimising systems and repairing leaks. Metering improvements for better visibility of consumption across the plant.

Site is working towards achieving ISO50001, energy management systems standard.

