

Natural Resources Wales permitting decisions

Electrical Carbon, Swansea Morganite

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Minor Technical Variation

The application number is: PAN-003552

The Operator is: Morganite Electrical Carbon Limited

The Installation is located at: Electrical Carbon, Swansea, Upper Fforest Way, Morriston, Swansea, SA6 8PP

We have decided to issue the variation for Electrical Carbon, Swansea operated by Morganite Electrical Carbon Limited.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

Purpose of this document

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Unless the decision document specifies otherwise we have accepted the applicant's proposals.

Structure of this document

- Key issues of the decision

Key issues of the decision

Receipt of application

An application was received on the 16th October 2018. The application was 'Duly Made' as of the 16th October 2018. This means we considered it was in the correct form and contained sufficient information for us to begin our determination, but not that it necessarily contained all the information we would need to complete the determination.

The Facility

The regulated facility is an installation which comprises the following activities listed in Part 2 of Schedule 1 to the Environmental Permitting Regulations and the following directly associated activities.

- Section 6.2 A(1)(a) Carbon Activities – Production of carbon by means of graphitisation
- Section 4.2A(1)(c)(vi) Inorganic chemicals – Manufacturing activity involving the use of lead

European Directives

NRW is satisfied that this decision is compatible with its general purpose of pursuing the sustainable management of natural resources in relation to Wales and applying the principles of sustainable management of natural resources

All applicable European directives have been considered in the determination of the application.

Proposed changes

As part of this variation Morganite Electrical Carbon Limited have proposed to further consolidate site activities.

Waste handling and storage will be moved within the proposed site boundary. The proposed waste handling areas will be on hard standing and will be as far as practicable from public view. This will be done through the means of tree lines, fences and buildings. The waste collections will be within designated hours (typically Monday to Friday 6am to 6pm).

This variation also removes the monitoring of discharges to sewer (Zinc, Copper and Lead). Monitoring of discharges to sewer have been removed because the Operator has a trade effluent discharge consent with Dŵr Cymru Welsh Water and therefore the effluent is monitored by them. In addition to this there has been a significant reduction of cooling water emissions due to the sites water conservation programmes and cessation of certain activities that discharged effluent.

Operating techniques

The Operator has stated in the application document “VP3339PD Minor Technical Variation 2018” the phases in which the waste handling area will be moved to the new location. They have also stated how the waste will be moved and stored.

Emission limits

This variation does not change any of the Emission limits in the permit, there are no additional emission limits associated with this variation.

Monitoring

This variation removes the requirement to monitor for Copper, Lead and Zinc on emissions to sewer, this is because the operator has a separate trade effluent discharge consent with Dŵr Cymru Welsh Water and they also provided results showing the emissions to sewer are very low. The Operator also has a number of water conservation programmes, including the installation of a closed cooling system, improved monitoring of water meters and discharges volumes and reducing discharges to sewer i.e. carbon metal plating and Glucose carbon impregnation. The emission point S1 will remain within the permit boundary and will continue to be monitored by Dŵr Cymru Welsh Water who will be monitor the site for a number of pollutants including Lead and Copper.

It is intended that the current discharge points within buildings to be vacated will be sealed to prevent discharge from these buildings into the trade effluent drainage system.

The relevant tables in the Permit have been updated to reflect this change.

Reporting

Based on the changes mentioned above, the Operator no longer needs to report sewer emissions data, as such the reporting requirements tables have been updated to reflect this change.

OPRA

The OPRA score at permit issue is 74