

Permitting decisions- Standard Rules Permit

We have decided to grant the permit for Horiba Mira operated by Octopus Energy Hydrogen Limited.

The permit number is EPR/DP3344QA/A001.

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 provides a record of the decision making process. It:

- highlights [key issues](#) in the determination;
- summarises the decision making process in the [decision considerations](#) section to show how the main relevant factors have been taken into account;

Read the permitting decisions in conjunction with the environmental permit.

Key issues of the decision

The site is producing hydrogen via electrolysis in a pre-manufactured electrolyser that is housed in a 40' customised ISO container. The electrolyser contains 1200L of potassium hydroxide (KOH). To prevent accidental leaks, interconnected spilt trays are put in place that can contain 110% of the total KOH volume. We are satisfied that this secondary containment arrangement complies with the standard rules permit conditions.

Read the permitting decisions in conjunction with the environmental permit.

Decision considerations

Standard rules criteria check

The application meets the criteria for the standard rules applied for.

Confidential information

A claim for commercial or industrial confidentiality has not been made.

The decision was taken in accordance with our guidance on confidentiality.

Identifying confidential information

We have not identified information provided as part of the application that we consider to be confidential.

One of the technical documents was marked as confidential by the manufacturer and this was raised with the applicant. After consulting with the manufacturer applicant confirmed that the aforementioned document can be put on public register.

The decision was taken in accordance with our guidance on confidentiality.

Operator

We are satisfied that the applicant (now the operator) is the person who will have control over the operation of the facility after the grant of the permit. The decision was taken in accordance with our guidance on legal operator for environmental permits.

Extent of the site of the facility

The operator has provided plans which we consider to be satisfactory.

These show the extent of the site of the facility.

Site condition report

The operator has provided a description of the condition of the site, which we consider is satisfactory. The decision was taken in accordance with our guidance on site condition reports.

Management system

We are not aware of any reason to consider that the operator will not have the management system to enable it to comply with the permit conditions.

Previous performance

We have assessed operator competence. There is no known reason to consider the applicant will not comply with the permit conditions.

No relevant convictions were found. The operator satisfies the criteria in our guidance on operator competence.

Financial competence

There is no known reason to consider that the operator will not be financially able to comply with the permit conditions.

Growth duty

We have considered our duty to have regard to the desirability of promoting economic growth set out in section 108(1) of the Deregulation Act 2015 and the guidance issued under section 110 of that Act in deciding whether to grant this permit. The conditions imposed under the permit are reasonable and necessary to avoid a risk of an unacceptable level of pollution and are based on our risk assessment undertaken at the time the Rules were made.

Application of the Rules to this activity promotes economic growth amongst legitimate operators because the standards applied to the operator are consistent across businesses in this sector and have been set to achieve the required legislative standards.