



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

IQE Silicon Compounds Limited

**Newport Semiconductor Facility
Imperial Park
Celtic Way
Celtic Lakes
Newport
NP10 8BE**

Variation number

EPR/AB3893FZ/V002

Permit number

EPR/AB3893FZ

Newport Semiconductor Facility

Permit number EPR/AB3893FZ

Introductory note

This introductory note does not form a part of the notice.

The following notice gives notice of the variation and consolidation of an environmental permit.

This variation makes a number of changes, following expansion on site. The main changes as part of this variation is that the number of Aixtron G4 reactors has increased from five to twenty reactors. Each reactor is provided with a chemisorption abatement unit to minimise process emissions.

There are now two emission points, with each emission point serving abated emissions from ten G4 reactors, this is an increase from the currently installed single emission point which served five G4 reactors.

There is an increase in the number of cooling circuits and other ancillary plant and equipment on-site to serve the additional reactors.

The overall inventory, including pressurised gases has increased to account for the additional reactors and a new raw material, phosphine gas has been introduced. Due to the increased inventories, the lower tier COMAH thresholds will be exceeded and the Installation will fall within scope of the COMAH regulations.

The schedules specify the changes made to the permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit

| Description | Date | Comments |
|--|-----------------------|---|
| Application PAN-002156 | Duly made 22/12/17 | Application for an inorganic chemicals facility producing semiconducting wafers |
| Additional information received | 05/03/18 | Revised Noise Assessment provided |
| Additional information received | 28/03/18 | Response to Schedule 5 request for further information |
| Permit determined | 22/05/18 | Permit issued to IQE Silicon Compounds Limited |
| Application PAN-003787 | 11/12/18 | Variation to increase throughput on site |
| Permit determined EPR/AB3893FZ/V002 | 28/02/19 | Consolidated Permit issued |

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Permit number
EPR/AB3893FZ

issued to
IQE Silicon Compounds Limited (“the operator”)

whose registered office is

**Beech House
Pascal Close
St Mellons
Cardiff
CF3 0LW**

company registration number **03986643**

to operate an installation at

**Newport Semiconductor Facility
Imperial Park
Celtic Way
Celtic Lakes
Newport
NP10 8BE**

to the extent set out in the schedules.

The notice shall take effect from 28/02/19

| Signed | Date |
|----------------------|-------------------|
| Paul Williams | 28/02/2019 |

Authorised on behalf of Natural Resources Wales

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

