# Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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Tata Steel UK Limited

Sewage treatment plant serving
Tata Steel Strip Products Limited
Tata Steel
Port Talbot Steel Works
Port Talbot
SA13 3NG

Permit number
EPR/XP3522XR

# Sewage treatment plant serving Tata Steel Strip Products Limited

# Permit Number EPR/XP3522XR

## Introductory note

### This introductory note does not form a part of the permit

The main features of the permit are as follows.

The permit regulates a new discharge of secondary treated domestic sewage effluent. 28.8 cubic metres a day of sewage effluent will be treated by a package treatment plant and discharged directly into Arnallt Brook. The culverted brook discharges to coastal waters via an outfall to the sea. The facility will serve a new training centre.

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

| Status log of the permit | | |
|---|---|---|
| **Description** | **Date** | **Comments** |
| Application EPR/XP3522XR/A001 | Duly made 20/9/2012 | Application for discharge of secondary treated sewage effluent. |
| Permit determined | 19/12/2012 | Permit issued to Tata Steel UK Limited. |

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**
**EPR/XP3522XR**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

**Tata Steel UK Limited** ("the operator"),
of

**30 Millbank**
**London**
**SW1P 4WY**

company registration number **02280000**

to operate a water discharge activity at

**Tata Steel Strip Products Limited**
**Tata Steel**
**Port Talbot Steelworks**
**Port Talbot**
**SA13 3NG**

to the extent authorised by and subject to the conditions of this permit.

| Name | Date |
|---|---|
| **Eleanor Smart** | **19/12/2012** |

Authorised on behalf of the Environment Agency

# Conditions

# 1 Management

## 1.1 General management

1.1.1 The operator shall manage and operate the activities:

(a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and

(b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

# 2 Operations

## 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

## 2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green and the discharge shall be made at the point marked on the site plan at schedule 7 to this permit and as listed in table S3.2 (discharge points).

## 2.3 Operating techniques

2.3.1 The sewage treatment plant shall conform to all relevant British Standards in force at the time of installation.

# 3 Emissions and monitoring

## 3.1 Emissions to water

3.1.1 There shall be no point source emissions to water except from the sources and emission points listed in schedule 3.

3.1.2 The limits given in schedule 3 shall not be exceeded.

## 3.2 Emissions of substances not controlled by emission limits

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

(a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan;

(b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## 3.3 Monitoring

3.3.1 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

# 4 Information

## 4.1 Records

4.1.1 All records required to be made by this permit shall:

(a) be legible;

(b) be made as soon as reasonably practicable;

(c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and

(d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

## 4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

## 4.3 Notifications

4.3.1 The Environment Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit; or

(c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

(a) any change in the operator's trading name, registered name or registered office address; and

(b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

(a) any change in the operator's name or address; and

(b) any steps taken with a view to the dissolution of the operator.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

(a) the Environment Agency shall be notified at least 14 days before making the change; and

(b) the notification shall contain a description of the proposed change in operation.

## 4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

# Schedule 1 - Operations

| Table S1.1 Activities |
| --- |
| **Description of activity** |
| Discharge of secondary treated sewage effluent via Outlet 1 |

# Schedule 2 - Waste types, raw materials and fuels

Wastes are not accepted as part of the permitted activities and there are no restrictions on raw materials or fuels under this schedule.

# Schedule 3 – Emissions and monitoring

1.

| Table S3.1 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements | | | | | | |
|---|---|---|---|---|---|---|
| **Discharge source and discharge point ref. & location** | **Parameter** | **Limit (including unit)** | **Reference Period** | **Limit of effective range** | **Monitoring frequency** | **Compliance Statistic** |
| Secondary treated sewage effluent via Outlet 1 | Maximum daily discharge volume | 28.8 $m^3$/day | Total daily volume | N/A | N/A | Maximum |
| | ATU-BOD as $O_2$ | 30 mg/l | Instantaneous (spot sample) | N/A | N/A | Maximum |
| | Suspended solids (measured after drying at 105$^o$ C) | 45 mg/l | Instantaneous (spot sample) | N/A | N/A | Maximum |
| | Ammoniacal nitrogen (expressed as N) | 8 mg/l | Instantaneous (spot sample) | N/A | N/A | Maximum |
| | Visible oil or grease | No significant trace present | Instantaneous (spot sample) | N/A | N/A | No significant trace |

| Table S3.2 Discharge points | | | |
|---|---|---|---|
| **Effluent Name** | **Discharge Point** | **Discharge point NGR** | **Receiving water/Environment** |
| Secondary treated sewage effluent | Outlet 1 | SS 77776 87670 | Arnallt Brook |

| Table S3.3 Monitoring points | | |
|---|---|---|
| **Effluent and discharge point** | **Monitoring type** | **Monitoring point NGR** |
| Secondary treated sewage effluent via Outlet 1 | Effluent sample point | SS 77776 87670 |

# Schedule 4 - Reporting

“There is no reporting under this schedule”.

# Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

| | |
|---|---|
| Permit Number | |
| Name of operator | |
| Location of Facility | |
| Time and date of the detection | |

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution** | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Date and time of the event | |
| Reference or description of the location of the event | |
| Description of where any release into the environment took place | |
| Substances(s) potentially released | |
| Best estimate of the quantity or rate of release of substances | |
| Measures taken, or intended to be taken, to stop any emission | |
| Description of the failure or accident. | |

| **(b) Notification requirements for the breach of a limit** | |
|---|---|
| **To be notified within 24 hours of detection unless otherwise specified below** | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |
| Measures taken, or intended to be taken, to stop the emission | |

| Time periods for notification following detection of a breach of a limit | |
|---|---|
| **Parameter** | **Notification period** |
| | |
| | |
| | |

| (c) Notification requirements for the detection of any significant adverse environmental effect | |
|---|---|
| **To be notified within 24 hours of detection** | |
| Description of where the effect on the environment was detected | |
| Substances(s) detected | |
| Concentrations of substances detected | |
| Date of monitoring/sampling | |

## Part B - to be submitted as soon as practicable

| | |
|---|---|
| Any more accurate information on the matters for notification under Part A. | |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident | |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission | |
| The dates of any unauthorised emissions from the facility in the preceding 24 months. | |

| | |
|---|---|
| **Name*** | |
| **Post** | |
| **Signature** | |
| **Date** | |

* authorised to sign on behalf of the operator

# Schedule 6 - Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

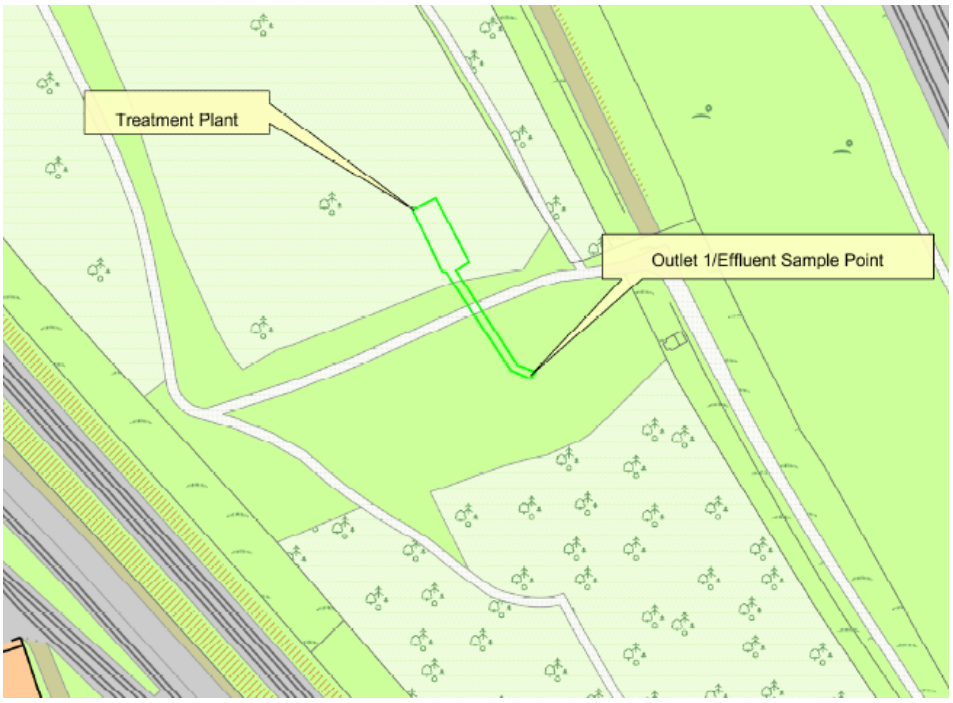
“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

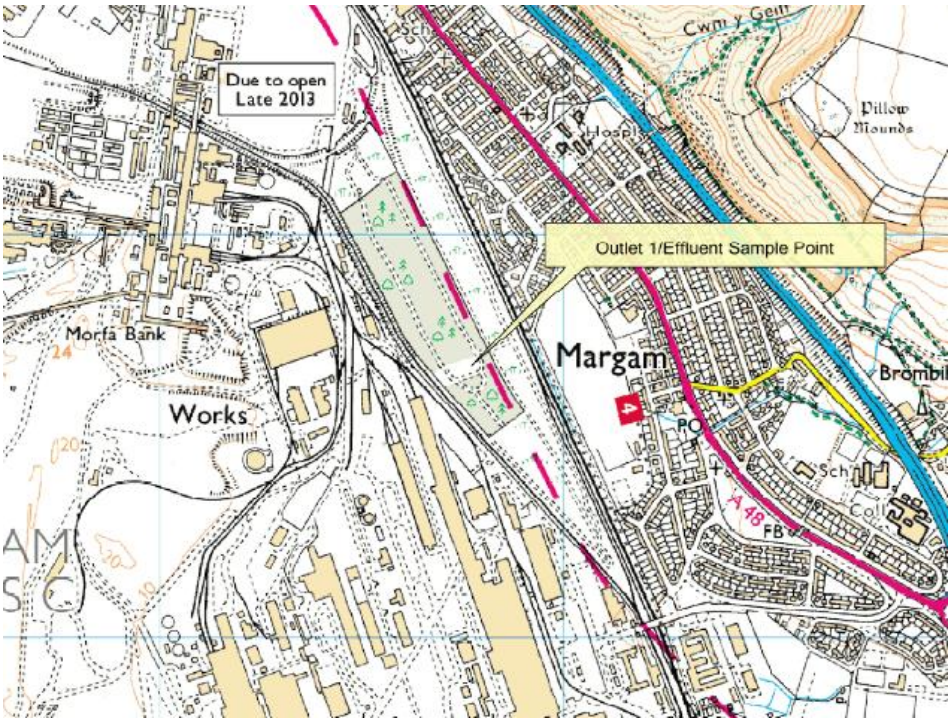
“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“year” means calendar year ending 31 December.

“ATU-BOD as $O_2$” means the biochemical oxygen demand (measured after 5 days at $20^{o}$ C with nitrification suppressed by the addition of allylthiourea).

# Schedule 7 - Site plan

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