

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

The Port Talbot Steelworks (Power Generation Enhancement) Order

10.04 Glossary

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1 INTRODUCTION & SUMMARY

- 1.1.1 This glossary has been produced to provide explanation of terms, meanings and abbreviations provided within the Environmental Statement and associated technical reports.
- 1.1.2 There are document specific glossaries in each submitted document but this glossary provides the full collection of terms, abbreviations and technical explanations.

2 GLOSSARY

$\mu\text{g}/\text{m}^3$	The concentration of an air pollutant (eg. ozone) is given in micrograms one- millionth of a gram) per cubic meter air
μT	Microtesla
$^{\circ}\text{C}$	Degree Celsius
1D	One-Dimensional (relating to hydraulic modelling)
2D	Two-Dimensional (relating to hydraulic modelling)
A48	Main road which lies to the northeast of the site
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
AAWT	Annual Average Weekly Traffic
ABP	Associated British Ports
AC	Ambient Concentration
AD	Anno Domini
ALA	Acquisition of Land Act 1981
ALARP	As Low As Reasonably Practical
AM	Assembly Ministers
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty

APFP	Regulations Infrastructure Planning (Applications: Prescribed Forms and Procedure) 2009
APIS	Air Pollution Information Systems
AQEG	Air Quality Expert Group
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Area
AQMAU	Air Quality Management Assessment Unit
AQMP	Air Quality Management Plan
AQS	Air Quality Standard
AQS	Air Quality Strategy
ARG	Amphibian and Reptile Group
As	Arsenic
ASIDOHL	Assessment of Significance of Impacts of Development on Historic Landscape
BAP	Biodiversity Action Plan
BAT	Best Available Technique
BBNPA	Brecon Beacons National Park Authority
BC	Before Christ
BCBC	Bridgend Borough Council
BCT	Bat Conservation Trust
BFG	Blast Furnace Gas
BGL	Below Ground Level

BGS	British Geological Survey
Blow Down	The process where the mineral concentration in water has increased due to evaporative losses and requires treatment using a water treatment system and / or chemicals before being discharged.
BoP	Balance of Plant
BOS	Basic Oxygen Steelmaking
BPM	Best Practicable Means
BRE	Building Research Establishment
BREF	Best Available Technique Reference Documents
BS	British Standard
BS4142	British Standard – Method for Rating Industrial Noise Affecting Mixed Residential and Industrial Areas
BS5228	British Standard – Code of Practice for Noise and Vibration Control on Construction and Open Sites
BS6472	British Standard – Guide to Evaluation of Human Exposure to Vibration in Buildings
BTA	Boiler Turbo Alternator
BTO	British Trust for Ornithology
BWD	Bathing Water Directive
CA	Competent Authority
CAA	Civil Aviation Authority
CAD	Computer Aided Design

CAS	Chemical Abstract Service
CadnaA	Noise modelling software package
CBC	County Borough Council
CC	Climate Change
CCBC	Carmarthenshire County Borough Council
CCGT	Combined Cycle Gas Turbine
CCS	City and County of Swansea
CCW	Countryside Council for Wales (now NRW)
Cd	Cadmium
CDM	Construction Design and Management Regulations
CEMP	Construction Environmental Management Plan
CEMS	Continuous Emissions Monitoring System
CERC	Cambridge Environmental Research Consultants
CIEEM	Chartered Institute of Ecology and Environmental Management
CIF	Coming Into Force
CIHT	Chartered Institute of Highways and Transportation
CL ₂	Chlorine
CLF	Critical Load Functions
CLR	Contaminated Land Report
CLVIA	Cumulative Landscape and Visual Assessment
CO ₂	Carbon Dioxide

CO	Carbon Monoxide
CoCP	Code of Construction Practice
COG	Coke Oven Gas
COMAH	Control of Major Accident Hazards (Regulations)
COPA	Control of Pollution Act 1974
COSHH	Control of Substances Hazardous to Health Regulations
CN	Cyanide
Cr	Chromium
CROW	Countryside and Rights of Way Act 2000
CRTN	Calculation of Road Traffic Noise
CSD	Consultation Summary Document
CSM	Conceptual Site Model
CTMP	Construction Traffic Management Plan
DAM	Development Advice Map
dB	Decibel
DCLG	Department for Communities and Local Government
DECC	Department of Energy & Climate Change
DEFRA	Department for Environment, Food & Rural Affairs
DEMP	Decommissioning Environmental Management Plan
DfT	Department for Transportation
DCO	Development Consent Order

DM	Do Minimum
DMP	Dust Management Plan
DMRB	Design Manual for Roads & Bridges
DoE	Department of the Environment
DrWPA	Drinking Water Protected Area
DS	Do Something
DTLR	Department of Transport, Local Government & the Regions
DTM	Digital Terrain Model
EA	Environment Agency
EAL	Environmental Assessment Level
EAW	Environment Agency Wales (now NRW)
EC	European Council
EcIA	Ecological Impact Assessment
EEA	European Economic Area
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment
EIA Regulations	Infrastructure Planning (Environmental Impact Assessment) Regulations 2009
ELF EMF	Extremely Low Frequency Electromagnetic Fields
ELV	Emission Limit Values
EMF	Electromagnetic Fields

EMP	Environmental Management Plan
EMS	Environmental Management System
EP	Environmental Permit
EPA	Environmental Protection Agency
EPR	Environmental Permitting Regulations
EPS	European Protected Species
EPUK	Environmental Protection UK
EQS	Environmental Quality Systems
ERFMP	Emergency Response and Flood Management Plan
ES	Environmental Statement
ESTRY	One-Dimensional module of TUFLOW modelling suite
EU	European Union
ExA	Examining officers
FCA	Flood Consequences Assessment
FCS	Favourable Conservation Status
FEH	Flood Estimation Handbook
FFD	Freshwater Fish Directive
FRA	Flood Risk Assessment
FWEP	Flood Warning and Evacuation Plan
FY	Future Year
GEP	Good Ecological Potential

GGAT	Gwent and Glamorgan Archaeological Trust
GEV	Generalised Extreme Value (relating to statistical distributions)
GL	General Logistics (Relating to statistical distributions)
GIS	Gas Insulated Switchgear
GLVIA	Guidelines for Landscape and Visual Impact Assessment
H1	Assessment tool in the Environmental Permit
H ₂ O	Water
Ha / ha	Hectare
HCl	Hydrogen Chloride
HDV	Heavy Duty Vehicle
HER	Historic Environment Record
HGBI	Herpetofauna Groups of Britain and Ireland
HGV	Heavy Goods Vehicle
HIA	Health Impact Assessment
HLA	Historic Landscape Area
HMP	Habitat Management Plan
HRA	Habitats Regulations Assessment
HSE	Health and Safety Executive
HSG	Health and Safety Guidance
HSI	Habitat Suitability Index
Hz	Hertz

IAN	Interim Advice Note
IAQM	Institute of Air Quality Management
ICUN	International Union for Conservation of Nature
IED	Industrial Emissions Directive
IEEM	Institute of Ecology and Environmental Management
IEMA	Institute of Environmental Management and Assessment
IfA	Institute for Archaeologists
IMS	AECOM's Integrated Management System
IPC	Infrastructure Planning Commission
IPPC	Integrated Pollution Prevention & Control
ISO 14000/1	A series of environmental management standards developed and published by the International Organisation of Standardisation (ISO) for organisations. ISO 14001 specifies the requirements of an environmental management system (EMS) for small to large organizations.
J	Joule
JNCC	Joint Nature Conservation Committee
Kg/mol	Kilogram per mole
km	Kilometre
kV	Kilovolt – measure of electrical current
kV m ⁻¹	kilovolts per metre

LA10	A noise assessment value – UK’s adopted index for quantifying road traffic noise
LA90	A noise assessment value – an indicator of background noise
LAeq	A noise assessment value – the equivalent continuous noise level
LAFmax	A noise assessment value – an indicator of maximum noise events
LAQM	Local Air Quality Management
LAQM.TG	Local Air Quality Management Technical Guidance
LBAP	Local Biodiversity Action Plan
LCA	Landscape Character Area
LCIA	Landscape Character Visual Impact Assessment
LCPD	Large Combustion Plant Directive
LDP	Local Development Plan
LGV	Large Goods Vehicle
LHA	Local Highway Authority
LI	Landscape Institute
LIRs	Local Impact Reports
LiDAR	Light Detection and Ranging- A surveying technique used for topographic surveys of large areas
LNCS	Local Natura Conservation Site
LNR	Local Nature Reserve

LPA	Local Planning Authority
LSB	Local Service Board
LSE	Likely Significant Effect
LSO	Long Sea Outfall
LVIA	Landscape & Visual Impact Assessment
m	Metres
m ²	Square metres
m ³	Cubic metres
M4	Main motorway to the north of the proposed development
mAOD	Metres above ordnance datum
MAPP	Major Accident Prevention Policy
MCERTs	Monitoring Certification Scheme
MCZ	Marine Conservation Zone
Mg/l	Milligrams per litre
MHWS	Mean High Water Springs
MMP	Materials Management Plan
mm/s	Millimetres per second
MOD	Ministry Of Defence
MOE	Margin of Exposure
MP	Member of Parliament
MPH	Miles per hour

MPPW	Mineral Planning Policy Wales
MTAN1	Minerals Technical Advice Note 1
MWC	Main Works Contractor
MWe	Mega Watts Electrical – measure of energy, one million watts
MWh	Mega Watt Hours – measure of energy generated in hours
Mt	Millitesla
MWth	Mega Watts Thermal – measure of heat energy
NAQIA	National Air Quality Information Archive
NATS	National Air Traffic Services
NBN	National Biodiversity Network
NCR	National Cycle Network Route
NERC	Natural Environment and Rural Communities (Act)
NGR	National Grid Reference
NH ₂	Amine – an organic compound of Nitrogen
Ni	Nickle
NIPD	National Infrastructure Planning Directorate
NMRW	National Monuments Record for Wales
NMP	Noise Management Plan
NNR	National Nature Reserve
NO ₂	Nitrogen Dioxide

NO _x	Nitrogen Oxide
NOTAM	Notice to Airmen
NPL	National Physical Laboratory
NPPF	National Planning Policy Framework
NPS	National Policy Statement
NPS EN-1	Overarching National Policy Statement for Energy
NPS EN-2	National Policy Statement for Fossil Fuel Electricity Generating Infrastructure
NPS EN-4	National Policy Statement for Gas Supply Infrastructure and Gas and Oil Pipelines
NPS EN-5	National Policy Statement for Electricity Networks Infrastructure
NPTCBC	Neath Port Talbot County Borough Council
NPTLDP	Emerging Neath Port Talbot Local Development Plan
NPTUDP	Neath Port Talbot Unitary Development Plan
NRW	Natural Resources Wales (formally EAW and CCW)
NSIP	Nationally Significant Infrastructure Project
NSR	Noise Sensitive Receptor
NTM	National Transport Model
NTS	Non Technical Summary
ONS	Office of National Statistics
Order Limits	The site boundary defined by the Development Consent Order and denoted by a red line in figures.

OS	Ordinance Survey
Pa	Pascal
PA	Planning Act 2008
PAH	Polycyclic Aromatic Hydrocarbon
Pb	Lead
PC	Predicted Concentration
PC	Process Contribution
PCBs	Polycyclic Aromatic Hydrocarbons
PCU	Passenger Car Units
PDR	Peripheral Distributor Road (Otherwise known as the "Harbour Way")
PEI	Preliminary Environmental Information
PEIR	Preliminary Environmental Information Report
PEC	Predicted Environmental Concentration
PFRA	Preliminary Flood Risk Assessment
pH	Measure of acidity or basicity of an aqueous solution
PHE	Public Health England
PHEs	Potentially Harmful Elements
PINS	Planning Inspectorate (the Examining Authority)
PJ	Petajoule - measure of energy
Port Talbot Site	The full Port Talbot Steelworks site
PPG	Pollution Prevention Guidelines

PPP	Pollution Prevention Plan
PPW	Planning Policy Wales
PM _{2.5}	Extremely small particulates or particulate matter (in the order of ~2.5 micrometres or less)
PM ₁₀	Extremely small particulates or particulate matter (in the order of ~10 micrometres or less)
PPP	Pollution Prevention Plan
PROWs	Public Rights of Way
QMED	Medium fluvial flow with a probability of occurrence of 1 in 2 years
PTREP	Prenergy Port Talbot Renewable Energy Plant
R&A	Review & Assessment
Ramsar	Wetlands of international importance, designated under the Ramsar Convention
RBMP	River Basin Management Plan
RCAHMW	Royal Commission on the Ancient and Historical Monuments of Wales
RCL	Registered Common Land
ReFH	Revitalised Flood Hydrograph
RFO	River Flow Objectives
RIGS	Regionally Important Geodiversity Site
RPG	Registered Parks and Gardens
RSA	Restoring Sustainable Abstraction

RSPB	Royal Society for the Protection of Birds
SAC	Special Area of Conservation
SEWBRcC	South East Wales Biodiversity Records Centre
SFCA	Strategic Flood Consequence Assessment
SFRM2	Strategic Flood Risk Management Framework
SGV	Soil Guideline Value
SiO ₂	Silicon Dioxide
SMA	Stone Mastic Asphalt
SINC	Sites of Interest for Nature Conservation
SNH	Scottish Natural Heritage
SO ₂	Sulphur Dioxide
SOCC	Statement of Community Consultation
SoS	Secretary of State
SOV	Single Occupancy Vehicle
SP	Strategic Policy
SPA	Special Protection Area
SPG	Supplementary Planning Guidance
SPZ	Source Protection Zone
SNH	Scottish Natural Heritage
SR	Scoping Report
SSE	Scottish and Southern Energy PLC

SSP	Site Safety Plan
SSSI	Site of Special Scientific Interest
STEAM	Scarborough Tourism Economic Activity Monitor. A tourism statistics model.
SUDS	Sustainable Urban Drainage Systems
SWD	Shellfish Water Directive
SWMP	Site Waste Management Plan
TA	Turbo Alternators (Differentiation - this is followed by a number)
TA	Traffic Assessment
TANs	Technical Advice Notes
Tata Steel	The Tata group of companies, which includes the applicant.
TEC	Transmission Entry Capacity
TP	Travel Plan
TPH	Total Petroleum Hydrocarbons
TSSP UK	Tata Steel Strip Products UK
TSUL	Tata Steel UK Limited. The Applicant.
TUFLOW	Hydraulic modelling software for simulating free-surface water flow for urban waterways, floodplains, estuaries and coastlines
UDP	Unitary Development Plan
UKAS	United Kingdom Accreditation Service

ULCOS	Ultra-Low CO2 Steelmaking
USA	Updating and Screening Assessment
us/cm	Measure of electrical conductivity
UXB	Unexploded Bomb
WAC	Waste Acceptance Criteria
WCA	Wildlife Conservation Act
WFD	Water Framework Directive
WG	Welsh Government
WHO	World Health Organisation
WIMD	Welsh Index of Multiple Deprivation
WIYBY	What's In Your Back Yard
WMP	Waste Management Plan
WTMP	Water Management Plan
Yr	Year
ZTV	Zone of Theoretical Visibility