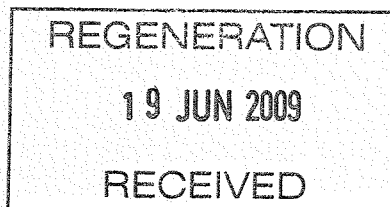


creating a better place



Environment
Agency

The Environmental Protection Team
Walsall Metropolitan Borough Council
The Civic Centre
Walsall
WS1 1TP

Our Ref:

EAEPRXP3533KTT001

Your Ref:

Date:

15 June 2009

Dear Sir/Madam

ENVIRONMENTAL PROTECTION, ENGLAND AND WALES
Environmental Permitting (England and Wales) Regulations 2007

Application reference: EAEPRXP3533KTT001
Applicant: JPE Holdings Limited
Installation: Zinc Phosphate Plant, Willenhall Lane, Bloxwich,
Walsall, WS3 2XN

Enclosed is a copy of the document(s) the Environment Agency has made available to the public, details having been placed on the Environment Agency **Public Register** held at:-

Environment Agency Area Office
Sentinel House
9 Wellington Crescent, Fradley Park,
Lichfield, Staffs. WS13 8RR

The documents have been copied to you under the provisions of the above Act for your information and so that you can place them on your own public register and contain no matters of confidentiality.

Further guidance and details of the provisions relating to these registers are given in the above Regulations.

If you have any query about the details enclosed or, about the actual information held by the Environment Agency or, more generally, the public access to information aspects, please do not hesitate to contact at the address below.

Yours faithfully

Nisbat Basharat
Permit Support Advisor

Permitting Support Centre, PO Box 4209, Sheffield, S9 9BS
Customer Service No.: 08708 506506
Fax: 0114 262 6697
psc@environment-agency.gov.uk



INVESTOR IN PEOPLE



Notice of Transfer in Part with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Bloxwich Non-Ferrous Metal Works –
JPE Holdings Limited

JPE Holdings Limited
Willenhall Lane
Bloxwich
Walsall
WS3 2XN

Transfer notice number
EPR/XP3533KT/T001

Permit number
EPR/XP3533KT

**Bloxwich Non Ferrous Metal Works – JPE
Holdings Limited
Permit Number EPR/XP3533KT**

Introductory note

This introductory note does not form a part of the permit

The following notice is issued in accordance with regulation 21 and Part 1 of Schedule 5 of The Environmental Permitting (England and Wales) Regulations 2007 (S.I.2007 No. 3538) (the Regulations) to transfer in part permit EPR/BV4754IX issued under the Regulations to operate the regulated facility. Schedule 1 of the notice sets out the conditions to be deleted from the permit, Schedule 2 contains amendments to permit conditions and Schedule 3 contains additional permit conditions.

Schedule 4 contains the site plan for the Zinc Phosphate Plant.

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

Status Log of the permit		
Detail	Date	Response Date
Application for partial transfer of BV4754IX to JPE Holdings Limited	Received 06/04/2009	
Partial transfer (JPE Holdings Limited) determined EPR/XP3533KT	08/06/2009	

End of Introductory Note

Transfer in part

Environmental Permitting (England and Wales) Regulations
2007

Transfer notice

Permit number

EPR/XP3533KT

Transfer notice number

EPR/XP3533KT/T001

The Environment Agency in exercise of its powers under Regulation 21 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations 2007 (SI 2007 No 3538) transfers permit number BV4754IX in part on the following basis JPE Holdings Limited ("**the operator**"),

whose registered office is

The Lodge

Warstone Road

Essington

Wolverhampton

WV11 2AR

company registration number 03019120

shall operate a regulated facility at

Zinc Phosphate Plant

Willenhall Lane

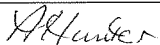
Bloxwich

Walsall

WS3 2XN

to the extent set out in schedules 1 to 4 of this notice

This notice shall take effect from 08/06/2009

Name	Date
	08 June 2009

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

Condition 1.1.1 is amended such that table 1.1.1 is amended from

Table 1.1.1

Activity under Schedule 1 of the Regulations/ Associated Activity	Description of specified activity	Schedule 1 Activity Reference (if applicable)	Limits of specified activity
Melting and alloying of non-ferrous metals (zinc and aluminium).	Melting in plant with a melting capacity greater than 20 tonnes per day and with a furnace, bath or holding vessel with holding capacity with 5 tonnes or more.	2.2 A(1)(b)	Receipt of raw materials to transfer to finishing stages
Producing inorganic chemicals such as metal oxides.	Production of zinc oxide	4.2 A(1) (a) (v)	Receipt of raw materials to transfer to finishing stages (zinc oxide)
Producing inorganic chemicals such as salts.	Production of zinc phosphate	4.2 A(1) (a) (iv)	Receipt of raw materials to transfer to finishing stages (zinc phosphate)
Finishing activities	Alloying, drying of zinc phosphate, milling of zinc phosphate, grading, packaging, effluent treatment	Directly associated activities.	Receipt of zinc to finished product (zinc dust).
Water discharges to the foul sewer.	Discharges of effluent from the production of zinc phosphate and contaminated surface water.	Directly associated activities	Entry to foul sewer from reference points S1 and S2 as indicated on the Drawing No 23120551 in Appendix 2 of Section TAL IPPC B2.3 of the Application.

To:

Table 1.1.1

Activity under Schedule 1 of the Regulations/ Associated Activity	Description of specified activity	Schedule 1 Activity Reference (if applicable)	Limits of specified activity
Producing inorganic chemicals such as salts.	Production of zinc phosphate	4.2 A(1) (a) (iv)	Receipt of raw materials to transfer to finishing stages (zinc phosphate)
Finishing activities	Alloying, drying of zinc phosphate, milling of zinc phosphate, grading, packaging, effluent treatment	Directly associated activities.	Receipt of zinc to finished product (zinc dust).
Water discharges to the foul sewer.	Discharges of effluent from the production of zinc phosphate and contaminated surface water.	Directly associated activities	Entry to foul sewer from reference points S1 and S2 as indicated on the Drawing No 23120551 in Appendix 2 of Section TAL IPPC B2.3 of the Application.

Condition 1.1.2 is amended from:

The Permitted Installation shall, subject to the conditions of this Permit, be managed and controlled as described in the application received 17 December 2001 and Schedule 4 Notice information dated the 10 June 2002 and 5 July 2002 and the variation application received on 18 April 2006, or as otherwise agreed in writing by the Agency.

To:

The Permitted Installation shall, subject to the conditions of this Permit, be managed and controlled as described in the application received 17 December 2001 and Schedule 4 Notice information dated the 10 June 2002 and 5 July 2002, the variation application received on 18 April 2006 and the Transfer application received on the 6 April 2009, or as otherwise agreed in writing by the Agency

Condition 1.1.3 is amended from:

The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the area shown edged in orange on the plan below

To:

The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the area shown edged in green at schedule 4 to this permit.

Condition 2.2.1 is amended such that table 2.2.1 'Raw materials (including water)' is amended from:

Table 2.2.1 : Raw materials (including water).		
Description	Parts	Date Received
Application	The response to question 2.2 given in section TAL IPPC B2.2.1 and B2.2.2 of the application.	17/12/01
Response to Schedule 4 Part 1 Notice	Response to questions 5 to 12 inclusive.	11/06/02
Application for variation DP3234LH	Part C2.4 of 'removal of zinc oxide and zinc dust' section and part C2.4 of 'trail zinc oxide manufacturing process via the rotary kiln process' section	18/04/06

To:

Table 2.2.1 : Raw materials (including water).		
Description	Parts	Date Received
Application	The response to question 2.2 given in section TAL IPPC B2.2.1 and B2.2.2 of the application.	17/12/01
Response to Schedule 4 Part 1 Notice	Response to questions 5 to 12 inclusive.	11/06/02
Application for variation DP3234LH	Part C2.4 of 'removal of zinc oxide and zinc dust' section and part C2.4 of 'trail zinc oxide manufacturing process via the rotary kiln process' section	18/04/06
Transfer application EPR/XP3533KT	Appendix C – Raw Material Inventory	06/04/09

Condition 2.6.1 is amended such that table 2.6.1 'Waste recovery and disposal' is amended from:

Table 2.6.1 Waste recovery and disposal

Description	Parts	Date Received
Application	The response to question 2.6 given in section TAL2.6 of the application.	17/12/01
Response to Schedule 4 Part 1 Notice	Response to questions 27.	11/06/02
Application for variation DP3234LH	Part C2.6 of 'trial zinc oxide manufacturing process via the rotary kiln process' section.	18/04/06

To:

Table 2.6.1 Waste recovery and disposal

Description	Parts	Date Received
Application	The response to question 2.6 given in section TAL2.6 of the application.	17/12/01
Response to Schedule 4 Part 1 Notice	Response to questions 27.	11/06/02
Application for variation DP3234LH	Part C2.6 of 'trial zinc oxide manufacturing process via the rotary kiln process' section.	18/04/06
Transfer application EPR/XP3533KT	Response to appendix 'D' – Waste Handling and Recovery.	06/04/09

Emissions to air

Condition 6.1.1 is amended such that table 6.1.1 'Emission points to air' is amended from:

Table 6.1.1 Emission points to air.

Emission point reference/description	Source	Location of emission point
A1	Alloys – fugitive releases within Mazak foundry	As indicated on the Site Plan in Appendix 1 of Section B2.10 of the Application.
A2	Alloys – fugitive release within Minor Alloys area	
A3	Alloys – fugitive releases within Technigalv area	
A4	Alloys – bag filter stack serving pots in Technigalv area	
A5	Alloys – bag filter stack serving pots in ZL Alloy production area	
A9	Zinc dust – No 1 ETF melt bath immersion tube burners	
A10	Zinc dust – No 2 ETF melt bath immersion tube burners	

Table 6.1.1 Emission points to air.

Emission point reference/description	Source	Location of emission point
A11	Zinc dust/oxide – No 1 and No 2 ETF condenser high pressure relief vents, packing LEV bag filter discharge and ETF LEV bag filter stack	As indicated on the Site Plan in Appendix 1 of Section B2.10 of the Application.
A12	Zinc dust – stack serving dust classifier transport bag filter	
A13	Zinc dust – stack serving dust screen transport bag filter	
A14	Zinc dust – blender LEV bag filter discharge	
A15	Zinc dust – screen LEV bag filter discharge	
A16	Zinc dust – fugitive releases within ETF area	
A17	Zinc dust – fugitive releases within blender/store area	
A18	Zinc dust – fugitive releases within classifier/packing area	
A19	Zinc powder – melt bath and feed pot burners	
A20	Zinc powder – outlet from atomising air bag filter discharge	
A21	Zinc powder – fugitive releases within zinc powder plant	
A22	Zinc oxide – ETF 3 melt bath immersion tube burners	
A23	Zinc oxide ETF 4 melt bath immersion tube burners	
A24	Zinc oxide – outlet from oxide packing bag filter stack and standby stack	
A25	Zinc oxide – fugitive releases within zinc oxide packing	
A26	Zinc oxide – outlet from phosphate/oxide bag filter stack	
A27	Zinc oxide – outlet from phosphate/oxide standby bag filter stack	
A28	Zinc phosphate – drier stack	
A29	Zinc phosphate – pneumatic transport stack 1	
A30	Zinc phosphate – pneumatic transport stack 2 (microniser)	
A31	Zinc phosphate – fugitive releases within zinc phosphate plant	

To:

Table 6.1.1: Emission points to air

Emission point reference/description	Source	Location of emission point
A28 – Drier Stack	Zinc and its compounds	As indicated on the Site Plan in Appendix 1 of Section B2.10 of the Application.
A28 – Drier Stack	Oxides of Nitrogen (as NO _x)	
A29 – pneumatic transport stack 1	Zinc and its compounds	
A30 – pneumatic transport stack 2	Zinc and its compounds	
A31 – Fugitive releases within the zinc phosphate plant	Particulates	

Condition 6.4.2 is amended such that table 6.4.2 ‘Emission limits to sewer’ is amended from:

Table 6.4.2 Emission limits to sewer

Parameter	Emission point S1	Emission point S2
COD mg l ⁻¹	600	600
Suspended Solids mg l ⁻¹	400	400
pH max	11	10
pH min	6	6
Copper and its compounds (as Cu) µg l ⁻¹	-	5000
Zinc and its compounds (as Zn) µg l ⁻¹	25000	25000
Lead and its compounds (as Pb) µg l ⁻¹	5000	5000
Cadmium and its compounds (as Cd) µg l ⁻¹	500	500

To:

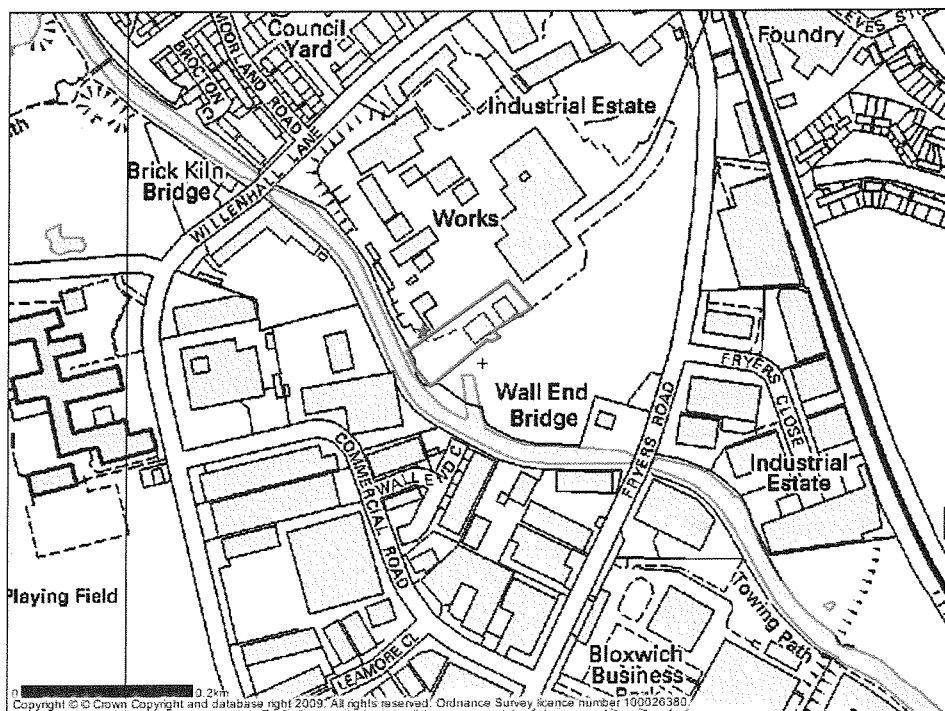
Table 6.4.2 Emission limits to sewer

Parameter	Emission point S1	Emission point S2
COD mg l ⁻¹	600	600
Suspended Solids mg l ⁻¹	400	400
pH max	12	12
pH min	6	6
Maximum volume in 24 hours	1000m ³	20m ³
Maximum discharge rate	3.5 litres second	1.0 litre second
Zinc	6mg/l	5mg/l
Temperature	43°C	43°C

Schedule 3 – conditions to be added

None

Schedule 4 – Site Plan



"Reproduced from the Ordnance Survey map with the permission of the Controller of Her Majesty's Stationery Office. Crown Copyright 2000. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings."

Environment Agency Permitting decisions

We have decided to grant a partial transfer of the Permit for Bloxwich Non Ferrous Metal Works.

The Permit number is **EPR/XP3533KT**

The operator is **JPE Holdings Limited**

The facility is located at **Willenhall Lane**
Bloxwich
Walsall
WS3 2XN

The decision was effective from 08/06/09.

Summary of the decision

We have decided to grant the partial transfer of the Permit, number BV4754IX currently operated by Mazak UK Limited to JPE Holdings Limited. The residual part of the installation will continue to be operated by Mazak UK Ltd after the partial transfer has taken place.

This is a partial transfer of a limited part of Bloxwich Non Ferrous Metal Works facility to JPE Holdings Limited of the Zinc Phosphate manufacturing process activity at the site.

Zinc oxide is slurried with water and phosphoric acid. Solid product is then isolated by filtration and drying before milling and packaging for sale. The liquor from the process passes through an on-site effluent treatment plant before discharge to sewer under consent from the Severn Trent Water.

The residual activities remain under the control of Mazak UK Limited.

Transfer Notice EPR/XP3533KT/T001 has been produced for the part of the installation being transferred to JPE Holdings Limited.

In addition, the Permit held by Mazak UK Limited (Permit number BV4754IX) has been amended through Transfer Notice EPR/BV4754IX/T003 to describe the residual operations and to remove references to those parts transferred. This included amending the table 1.1.1 of listed activities and inclusion of an amended plan.

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 environment protection is provided.

Purpose of this document

This decision document:

- explains how the applicant's application has been determined;
- provides a record of the decision-making process;
- shows how all relevant factors have been taken into account; and
- justifies the specific conditions in the Permit.

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

Structure of this document

- Key Issues of the decision;
- Annex 1 the decision check list;

KEY ISSUES OF THE DECISION

Environmental risk

The permit has been partially transferred to the new operator with no changes to the activities within this part of the installation. We therefore consider that there is no change in the environmental risk.

There are point source emissions to air and sewer from the activities being transferred. These have not changed with the transfer of the relevant activities.

Any wastes from the processes are reused in the process or sold for reclaim.

The activities carried out at the Installation are unlikely to cause odour.

Noise and vibration from the installation will not change due to the transfer.

The potential for accidents that could adversely affect the environment is not considered to be significant.

The Installation is a participant of a Climate Change Levy Agreement as part of the non-Ferrous Alliance, and therefore has an energy reduction plan and energy efficiency targets.

Operator Competence

We are satisfied the operator is a legal entity and will be in control of the installation.

Operator competence has been assessed as part of the application.

Management System

The installation will initially continue to operate using the appropriate sections of the EMS and QMS of the existing operator to ensure business continuity and training.

Technical Competence

The transfer application was made on the basis of 'limited change in management' at the facility, and the operator has confirmed that the main operational staff members at the site have not changed. We therefore accept that there is adequate technical competence for operation of the installation.

Compliance Record

There are no enforcement or prosecution notices on record for the site.

The facility

There are changes to the extent of this facility as a result of this permit transfer. These changes have been detailed in the relevant Transfer Notices which include revised site plans, as indicated by a boundary line shown in green.

OPRA

The OPRA score for the transferor remains unchanged.

The transferee's facility has been determined as a Low Impact Installation (LII) and as such is subject to an appropriate subsistence charge. (Reference EP charging scheme guidance - April 2008 Annex 1 Tier 2 S040C each low impact installation).

Low Impact Installation

As part of the determination process, the Transferee completed and submitted the LII checklist (detailed below) for the facility and we are satisfied that the criteria for LII are fulfilled for the Zinc Phosphate Plant installation.

A – Management techniques

The situation that exists currently for the criteria set out within the checklist reflects the inherently low impact nature of the process. No significant management effort or resource is required to achieve and maintain the situation as described within the checklist.

B – Aqueous waste

The liquor from the process passes through an on-site effluent treatment plant before discharge to sewer under consent.

C – Abatement systems

Abatement systems that exist are solely used for the protection of workers.

D – Groundwater

There is no groundwater release associated with this process.

E – Producing waste

The production of hazardous waste by the installation for 2008 was 3 tonnes consisting of spent bag filter covers.

For 2008 the amount of non-hazardous waste produced by the installation was approximately 6 tonnes of general waste.

F – Using Energy

Gas and electricity consumption shall be monitored on a monthly basis as a minimum to identify trends and any abnormalities in consumption.

G – Preventing accidents

The facility is a Lower Tier COMAH site. The current Major Accident Prevention Policy (MAPP) shall be adopted by the new operator.

H – Noise

Noise and vibration from the installation will remain as currently.

I – Emissions of polluting substances

Any abnormal stack emissions are visible at the point of discharge due to the product being white in colour. Production operators make visual checks on emissions on a regular basis to ensure that bag filters are performing correctly.

J – Odours

There is no potential for causing offence due to odour. There are no substances used within the installation which will give rise to any odour release.

There have been no odour related complaints reported for the installation.

K – History of keeping to the regulations

There have been no compliance related issues for the installation.

Annex 1: decision checklist

Transfer checklist

Activity	Justification / Detail	Determination criteria met	
		No	Yes
Receipt of submission			
Application fee	The application fee is correct Reference Paragraph 18(3) of the Environmental Charging Scheme – where a permit authorises an installation group, the sum of £7070 in the case of an application relating to part of a permit.		✓
Commercial confidentiality	The operator has not made a claim for commercial confidentiality. We have not received any information in relation to this application that appears to be confidential in relation to any party.		N/A
Operator			
Control of the facility	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 EPR RGN 1 Understanding the meaning of operator.		✓
The facility			
The regulated facility	This Permit created by Transfer Notice EA/EPR/XP3533KT/T001 applies to only one part of the installation – the transfer of the Zinc Phosphate process to JPE Holdings Limited. The names and Permit numbers of the operators of other parts of the installation are detailed in the introductory notes of each Transfer Notice relating to this partial Transfer.		✓
The site			
Extent of the site of the facility	The transferor - The operator has provided a plan which we consider is satisfactory, showing the extent of the site of the facility including the location of the part of the installation to which this Permit applies on that site. A plan is included in the relevant Notice of Transfer at Schedule 4, and the operator is required to carry on the Permitted activities within the site boundary. The transferee - The operator has provided a plan which we consider is satisfactory, showing the extent of the site of the facility. A plan is included in the relevant Notice of Transfer at Schedule 4, and the operator is required to carry on the Permitted activities within the site boundary.		✓
Operator Competence			
Technical competence	There is no known reason to consider that the operator will not have the management systems to enable it to comply with the Permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence		✓
Relevant Convictions	The National Enforcement Database has been checked to ensure that all relevant convictions have been declared. The operator satisfies the criteria in RGN 5 on Operator Competence No relevant convictions.		✓
OPRA			
The OPRA score for the transferor remains unchanged. The transferee's facility has been determined as a Low Impact Installation (LII) and as such is subject to an appropriate subsistence charge. (Reference EP charging scheme guidance - April 2008 Annex 1 Tier 2 S040C each low impact installation).			