



Coventry City Council

**Part B Application Form
Application for a Permit**

Pollution Prevention and Control Act, 1999

**Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended)
Local Authority Pollution Prevention and Control**

INTRODUCTION

When to use this form

This regime is known as Local Authority Pollution Prevention and Control, LAPPC. Installations permitted under this regime are known as Part B installations. Use this form if you are sending an application for a 'Part B' permit to Coventry City Council under the Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended) ("the PPC Regulations").

Before you start to fill in this form

Please read the DEFRA general guidance manual issued for LA-IPPC and LAPPC. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant sector guidance note, BREF note or process guidance note as relevant. The Pollution Prevention and Control (England and Wales) Regulations 2000 can be obtained from The Stationary Office, or viewed on their website at: www.legislation.hmso.gov.uk/si/si2000/20001973.htm.

Which parts of the form to fill in

You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When completed return to:

**Environmental Protection
Coventry City Council
Room 311 Broadgate House
Broadgate
Coventry CV1 1NH**

Other documents you may need to submit

There are a number of other documents you may need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number (if you have been given one, it will be at the top of the form overleaf). If you do not have either of these, please use the name of the installation.

Using continuation sheets

In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies

Please send the original and three copies of the form and all other supporting material, to assist consultation.

If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us at the Local Authority address given above if you need any advice on how to set out the information we need.

LAPPC Application Form : to be Completed by the Operator

Application Reference:	For Local Authority use Officer Reference:	Date Received:
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A 1.1 Name of the Installation

PRM NEWAGE LTD. FOLESHILL SITE, PAINT SPRAY

A 1.2 Please Give the Address of the Site of the Installation

PRM NEWAGE LTD., FOLESHILL ENTERPRISE PARK,
COURTAULDS WAY, COVENTRY

Postcode: CV6 5NX

Telephone Number: _____

Ordnance Survey National Grid Reference: 8 characters
For example SJ 123 456

S P 3 3 B 8 0 B

A 1.3 Existing Authorisations

Please give details of any existing LAPC or IPC authorisation for the installation, including reference number(s):

N/A

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted).

A 2.1 The Operator - please Provide the Full Name of Company or Corporate Body

PRM NEWAGE LIMITED

Trading / Business Name: (if different)

Registered Office Address:

ONE ELEVEN

EDMUND STREET

BIRMINGHAM

Postcode: B3 2HJ

Principal Office Address: (if different)

Postcode:

Company Registration Number:

A 2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No

Yes Name of Ultimate Holding Company:

COMMATECH (HOLDINGS) LIMITED

Registered Office Address:

ONE ELEVEN

EDMUND STREET

BIRMINGHAM

Postcode: B3 2HJ

Principal Office address: (if different)

2625 KINGS COURT, THE CRESCENT
BIRMINGHAM BUSINESS PARK
BIRMINGHAM Postcode: B37 7YE

Company Registration Number:

05924495

A 3.1 Who can we Contact about your Application?

It will help us to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name: TONY CONNOR

Position: HSE ADVISOR

Address: PRM NEWAGE LTD.

BARLOW ROAD, ALDERMANS GREEN

COVENTRY Postcode: CV2 2LD

Telephone Number: 024 76 617141

Fax Number: 024 76 622089

E-mail Address: T.CONNOR@newage-prm.co.uk

B 1 ABOUT THE INSTALLATION

Please fill in the table below with details of all the current activities in operation at the whole installation.

In Column 1a Activities in the Stationary Technical Unit

Please identify all activities listed in Schedule 1 of the PPC Regulations that are, or are proposed to be, carried out in the stationary technical unit of the installation.

In Column 1b Directly Associated Activities

Please identify any directly associated activities that are, or are proposed to be, carried out on the same site which:

- have a technical connection with the activities in the stationary technical unit,
- could have an effect on pollution.

In Column 2a and b Schedule 1 References

Please quote the Chapter number, Section number, A(2) or B, then Paragraph and Sub-paragraph number as shown in Part 1 of Schedule 1 of the PPC Regulations. For example, *Manufacturing glass where the use of lead compound is involved*, would be listed as Chapter 3, Section 3.3, Part B(b).

B 1.1 Installation Table for New Permit Application

COLUMN 1a	COLUMN 2a
Activities in the Stationary Technical Unit	Schedule 1 References
SECTION 6.4	
PART B (b)	
COLUMN 1b	COLUMN 2b
Directly Associated Activities	Schedule 1 References

B 1.2 Why is the Application Being Made?

The installation is new.

It is an existing Part B process authorised under the Environmental Protection Act 1990 for which a substantial change is proposed and an LA-IPPC A2 permit is required.

B 1.3 Site Maps

Please provide:

- A suitable map showing the location of the installation clearly defining extent of the installations in red.

Document Reference: Doc B1.3a PAM NEWAGE / A. CONNER

- A suitable plan showing the layout of activities on the site, including bulk storage of materials, waste storage areas and any external emission points to atmosphere.

Document Reference: Doc B1.3b PAM Newage / A. Conner

B 2 THE INSTALLATION

Please provide written information about the aspects of your installation listed below. We need this information to determine whether you will operate the installation in a way in which all the environmental requirements of the PPC Regulations are met

B 2.1

Describe the proposed installation and activities and identify the foreseeable emissions to air, water and land from each stage of the process (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation).

The use of process flow diagrams may aid to simplify the operations.

Document Reference: B 2.1 PAM Newage 2007 / A. Conner

B 2.2

Once all foreseeable emissions have been identified in the proposed installation activities, each emission should be characterised (including odour) and quantified.

Atmospheric emissions should be categorised under the following:

- i. Point source (e.g. chimney/vent, identified by a number and detailed on a plan).
- ii. Fugitive source (e.g. from stockpiles / storage areas).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

(Mass Emission - the quantification of an emission in terms of its physical mass per period of time. For example grams per hour, tonnes per year). Doc B2.2 PRM Newage 2007/A. Connor

B 2.3

For each emission identified from the installation's activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable, reducing the emissions. If no techniques are currently used and the emission goes directly to the environment without abatement or treatment, this should be stated.

Document Reference: Doc B 2.3/2.4/2.5 PRM Newage / A. Connor

B 2.4

Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards and provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Document Reference: Doc B2.3/2.4/2.5 PRM Newage / A. Connor

B 2.5

Describe the proposed measures for monitoring all identified emissions including any environmental monitoring and the frequency, measurement methodology and evaluation procedure proposed (e.g. particulate matter emissions, odour etc.). Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Document Reference: Doc B2.3/2.4/2.5 PRM Newage / A. Connor

B 2.6

Provide detailed procedures and policies of your proposed environmental management techniques in relation to the installation activities described.

Document Reference: Doc B2.6 PAM Newage / A. Connor

B 3 IMPACT ON THE ENVIRONMENT

B 3.1

Provide an assessment of the potential significant local environmental affects of the foreseeable emissions (for example, is there a history of complaints; is the installation in an Air Quality Management Area?).

Document Reference: _____
WE DO NOT FORESEE SIGNIFICANT AFFECTS ON THE LOCAL ENVIRONMENT.

B 3.2

Are there any sites of special scientific interest (SSIs) or European Sites which are within two kilometres of the installation?

No

Yes Please give names of the sites.

WEBSTERS CLAY PIT

B 3.3

Provide an assessment of whether the installation is likely to have a significant effect on such sites and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc.) Regulations 1994.

Document Reference: _____

NO ASSESSMENT HAS BEEN CARRIED OUT. AT THIS STAGE WE FEEL THAT THE VOLUMES OF EMISSIONS TO ATMOSPHERE WILL NOT BE OF ANY GREAT CONCERN. ALTHOUGH WE ARE OBVIOUSLY WILLING TO TAKE ADVICE ON THIS

B 4 ENVIRONMENTAL STATEMENTS

B 4.1

Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999, or for any other reason with respect to the installation?

No

Yes Please supply a copy of the environmental impact assessment and details of any decision made.

Document Reference: _____

B 5 ADDITIONAL INFORMATION

Please supply any additional information which you would like us to take account of in considering this application.

Document Reference: DOC B5 PRM Newage / A-502001

C 1 FEES AND CHARGES

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

C 1.1 Please State the Amount Enclosed as an Application Fee for this Installation

£ Cheques should be payable to: **Coventry City Council**

We will confirm receipt of this fee when we write to you acknowledging your application.

C 1.2

Please give any company purchase order number or other reference you wish to be used in relation to this fee.

C 2 ANNUAL CHARGES

If we grant you a permit you will be required to pay an annual subsistence charge: failure to do so will result in revocation of your permit and you will not be able to operate your installation.

C 2.1

Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

Postcode: _____

Telephone Number: _____

C 3 COMMERCIAL CONFIDENTIALITY

C 3.1

Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?

No

Yes

Please provide full justification, considering the definition of commercial confidentiality within the PPC Regulations.

Document Reference: _____

C 3.2

Is there any information in the application that you believe should be kept from the public register on the grounds of national security?

No

Yes

Do not write anything about this information on this form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

C 4 DATA PROTECTION

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and/or disclose any of the information you give us in order to:

- Consult with the public, public bodies and other organisations.
- Carry out statistical analysis, research and development on environmental issues.
- Provide public register information to enquirers.
- Investigate possible breaches of environmental law and take any resulting action.
- Prevent breaches of environmental law.
- Assess customer service satisfaction and improve our service.

We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 32 of the PPC Regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- Make a false statement which you know to be false or misleading in a material particular.
- Recklessly make a statement which is false or misleading in a material particular.

If you make a false statement:

- We may prosecute you, and
- If you are convicted, you are liable to a fine or imprisonment (or both).

C 5 DECLARATION


C 5.1 Signature of Current Operator(s)*

I / We certify that the information in this application is correct. I / We apply for a permit in respect of the particulars described in this application (including supporting documentation) I / we have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the Application from: PRM NEWAGE LIMITED

Installation Name: NO 2 SITE PAINT SPRAY

Signature: 

Name: TONY CONNOR

Position: HSE ADVISOR

Date: 21-11-2007

Signature: _____

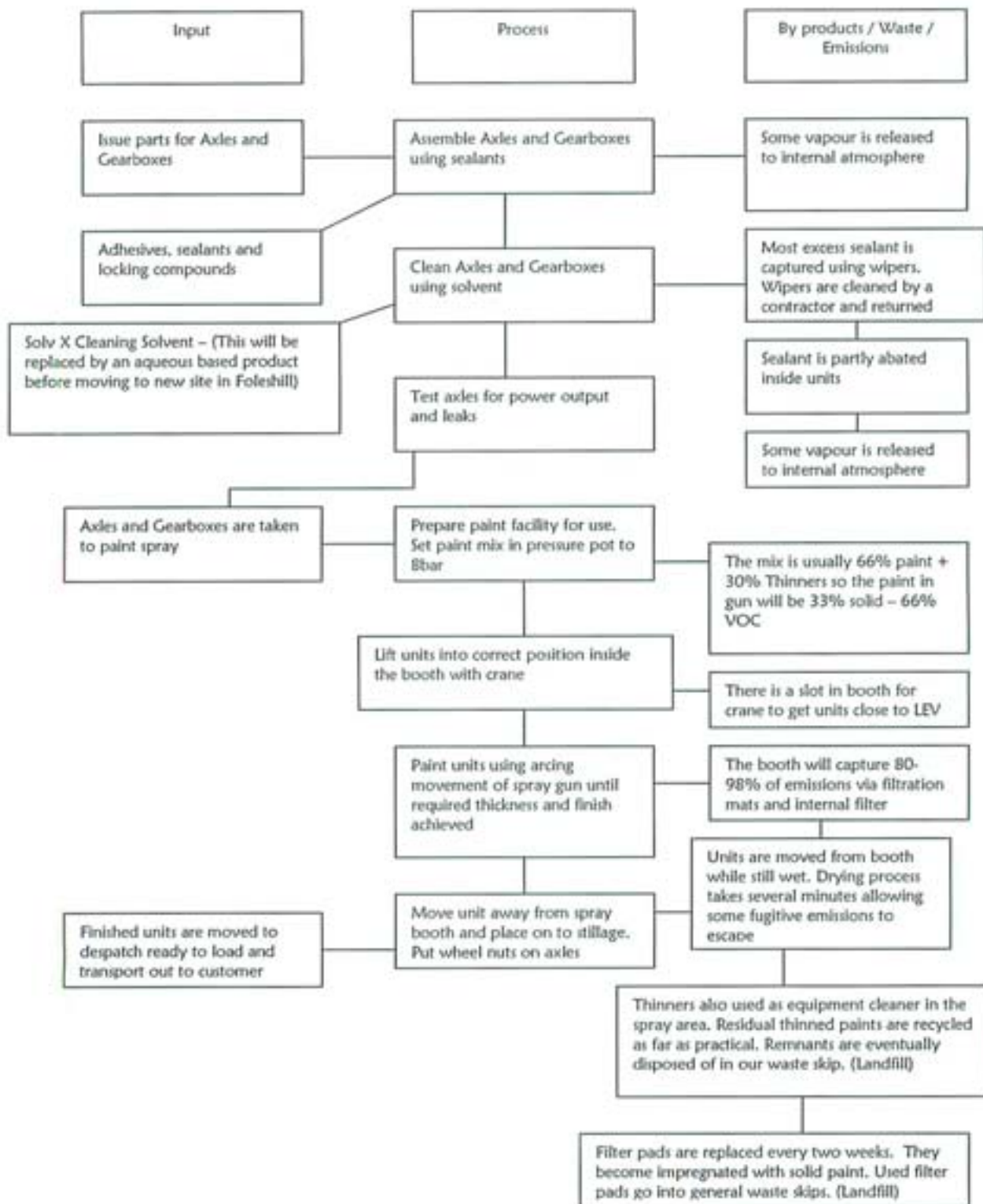
Name: _____

Position: _____

Date: _____

- * Where more than one person is defined as the operator, all should sign. Where a company or other body corporate - an authorised person should sign and provide evidence of authority from the board of the company or body corporate.

B 2.1 There are emissions to atmosphere and some residual solids go into landfill. Please refer to the flowchart



Application Document No.B2.2

Once all foreseeable emissions have been identified in the proposed installation activities, each emission should be characterised (including odour) and quantified.

Atmospheric emissions should be categorised under the following:

- i. Point source (e.g. chimney/vent, identified by a number and detailed on a plan).
- ii. Fugitive source (e.g. from stockpiles / storage areas).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

(Mass Emission - the quantification of an emission in terms of its physical mass per period of time. For example grams per hour, tonnes per year).

- i. Point source is through the roof of the factory please drawing :
"PRM NEWAGE (STAYBRIGHT) FACTORY LAYOUT" BOOTH 1 and BOOTH 2
- ii. Fugitive source comes from
 - Preparatory work: mixing thinners into paint to achieve correct viscosity.
 - The paint spraying process itself.
 - Cleandown procedures. Cleaning guns, lines, ancillary equipment.
 - Wipers used in cleaning and stored for cleaning.
 - Finished painted units waiting on floor to dry.

Point source: Paint Spray facilities: MDF3333 Dry Filter Booth and STD Dry Filter Mini Booth. We are reliably informed that the filtration within the new units will capture between 80 and 98% of all emissions to atmosphere. No matter how efficient filtration and extractors are there will always be some emissions. Consequently, we will base our calculations at the lowest efficiency scale of 80% leaving 20% as fugitive.

There will be a separate fire proof store in the outside yard for all combustible paint products: Primer and Thinners. Only 5 x 5ltr tins of paint and 5 x 5ltrs of thinners are stored in the actual spray booths. This is usually enough for the shift to be worked.

All containers are kept sealed until required. Empty tins are placed in our general metal waste skip in the Goods Yard.

We have not undertaken any monitoring of emission concentrations. For the purposes of this application all relevant products are solvent based.

Gross Current levels of usage for 2007 on Sales of £15m are:

Product	Annual Usage by Volume	Annual Usage by Weight (Multiplier 1.32kgs per Litre)
TRIMITE Hi- Build Primer	2,940 ltrs	3,880.8kg
TRIMITE Thinners	2,785 ltrs	3,676.2kg
Solv X Cleaning agent	1,850	2,442.0kg
Loctite Sealants and Compounds	615 ltrs	811.8kg
Red Hermatite Sealant	310 ltrs	409.2kg
Totals	8,500 ltrs	11,220kg

Projected levels of usage for 2008 after adjustments

Sales budget of £19.1m: (27.3% increase on 2007)

Product	Annual Usage by Volume	Annual Usage by Weight (Multiplier 1.32kgs per Litre)
TRIMITE Hi- Build Primer	3,743.0ltrs	4,940.kg x 0.5 =2,470 x 0.6 = 1,482kg
TRIMITE Thinners	3,545.0 ltrs	4,679.0kg
Orange Plus cleaning agent (not included as product unlikely to of environmental concern)	1,000	1,320kg (No CFC, negligible VOC's)
Loctite Sealants and Compounds	783.0ltrs	1034.0kg
Red Hermatite Sealant	395.0 ltrs	521.0kg
Totals	8,466 ltrs	7,716.0kg

7,716.0kgs used per annum 1,543.2kgs maximum of all products escaping to atmosphere

3,743 Ltrs of Trimite Primer Paint will be used in 2008

Primer Paint is 50% solid therefore there is a reduction:

$3,743 \times 0.5 = 1,871.5$ total mass of solids $\times 0.6 = 1,123.0 \times 1.32 = 1482.0\text{kg}$

3,545 Ltrs of Trimite Thinners $\times 1.32\text{kg per ltr} = 4,679.0\text{kg}$

1,178 Ltrs of Sealants and compounds $\times 1.32\text{kg per ltr} = 1,555\text{kg}$

Total tonnage projected for 2008 = 7,716.0 kg

Most of the sealants and compounds are well over 50% solid and most of the original liquid state will abate to solid in the curing process.

- Trimite Hi-build primer has an ethanol odour.
- The thinners we use have a strong ethanol smell.
- The sealant we use has a vinegar odour until it cures.
- The thread sealants have a sweet, faintly ethanol smell.
- The Red Hermatite has a sweet, faintly ethanol smell.

No monitoring of emissions has been undertaken.



B 2.3

The units are dry back booths. They will each have a galvanised filter frame for Andrea paper filter media. Local exhaust ventilation is by belt driven axial fan with externally mounted motor, Vee belt driven impeller mounted above the roof of the booth. The motor and starter will be non-flp

The manufacturer states that we can expect to capture between 80 to 98% of emissions before they reach atmosphere.

B 2.4

No assessment has been carried out.

B 2.5

No monitoring is proposed for the emissions. At this stage we believe that the quantity of emissions that may escape to atmosphere will not be of sufficient volume to warrant it. Although as always, we will be happy to take advice on this and will respond accordingly.



B 2.6

Provide detailed procedures and policies of your proposed environmental management techniques in relation to the installation activities described.

Document Reference: _____

We are embarking on an initiative to achieve the ISO14001 Environmental Standard. Within the Environmental Management System we will adopt an emergency response and preparedness procedure similar to the following.

EMERGENCY PREPAREDNESS AND RESPONSE

Purpose

To actively assess the potential for emergency response needs, and to implement practices to adequately prepare for a number of eventualities.

Responsibility

Production Managers (to resource & practice)

Team Leaders (to facilitate)

Environmental Representative (to establish & monitor)

Procedure

All personnel involved with working to EMS procedures will be fully trained and competent

Procedures are available for foreseeable emergency situations.

Periodic tests (at least annually) shall be incorporated into the system audit schedule to ensure that personnel react correctly to spillages. Emergency response practice will only be carried out where it is practical to do so (this excludes legionellosis outbreak)

Non-conformances will be dealt with via the non-conformance and corrective & preventative procedure.

All emergency equipment e.g. breathing apparatus, spillage kits, and fire detection/warning and extinguishing devices will be inspected and maintained at appropriate intervals, and not less than annually



B 5 ADDITIONAL INFORMATION

The first item of additional information that should be mentioned is the fact that PRM Newage Limited is going to apply for ISO14001 certification. We plan on achieving the required standard before the end of 2008. We are conscious that we have a lot of work to do to get there but there is a strong commitment from the top of the company. We feel that this, more than anything else will make it happen. The prevailing culture within the company is quite positive in respect of our collective environmental responsibility. Obviously, the planned education, instruction and training will reinforce this. Everyone at the company will have a contribution to make in achieving certification and it will be made.

As previously mentioned in the application, we use Trimite Hi-build Primer Paint on those finished units that are actually painted. This paint is 50% solid. We have taken advice from the supplier on our paint requirements. Our contact and advisor at Trimite is:

Mr. Clive Cooper
Trimite Ltd.
Arundel road
Uxbridge
Middlesex Ub8 2SD
T: 0189 525 1234 F: 0189 525 6789
Website www.trimite.com

We have considered switching over to an aqueous based paint but production volumes do not, at present, justify this change. It would increase lead times and necessitate the purchase a drying unit. We would also have to provide additional floor space to allow units to be stored prior to despatch. Trimite produce a suitable aqueous alternative but, the advice given was that it made financial sense to stay with the current product for now. If, during the forthcoming year, demand for our units increases to a level where it might make business sense we would then have to reconsider an aqueous product.

We have an Emission Reduction Plan:

We will discontinue using the Solv X cleaning agent at the new site. A suitable replacement is being trialled and will be in place for December 2007. This action will significantly reduce our VOC usage:

Current usage is 1,850ltrs x 1.32kg = 2,442kg per annum

The alternative product on trial just now is "Aqueous Orange" produced by Solent Maintenance. This product safely removes heavy oils, greases, bitumen, wet paints, adhesives and sealants. It is non-toxic, contains no CFCs and negligible VOCs.

We are going to scrap our existing paint spraying facility (in an entirely correct manner of course) and install completely new equipment at the Foleshill Enterprise site. This equipment will be far more efficient from an environmental point of view.

The new spray facilities are being supplied by:

**Spray Air Services Limited
Unit 1, 18a Merlin Way
Quarry Hill Industrial Estate
Ilkeston
Derbyshire DE7 4RA
Tel: 0115 9301021 Fax: 0115 9301076
The contact name we have is Mr. Richard Lane**

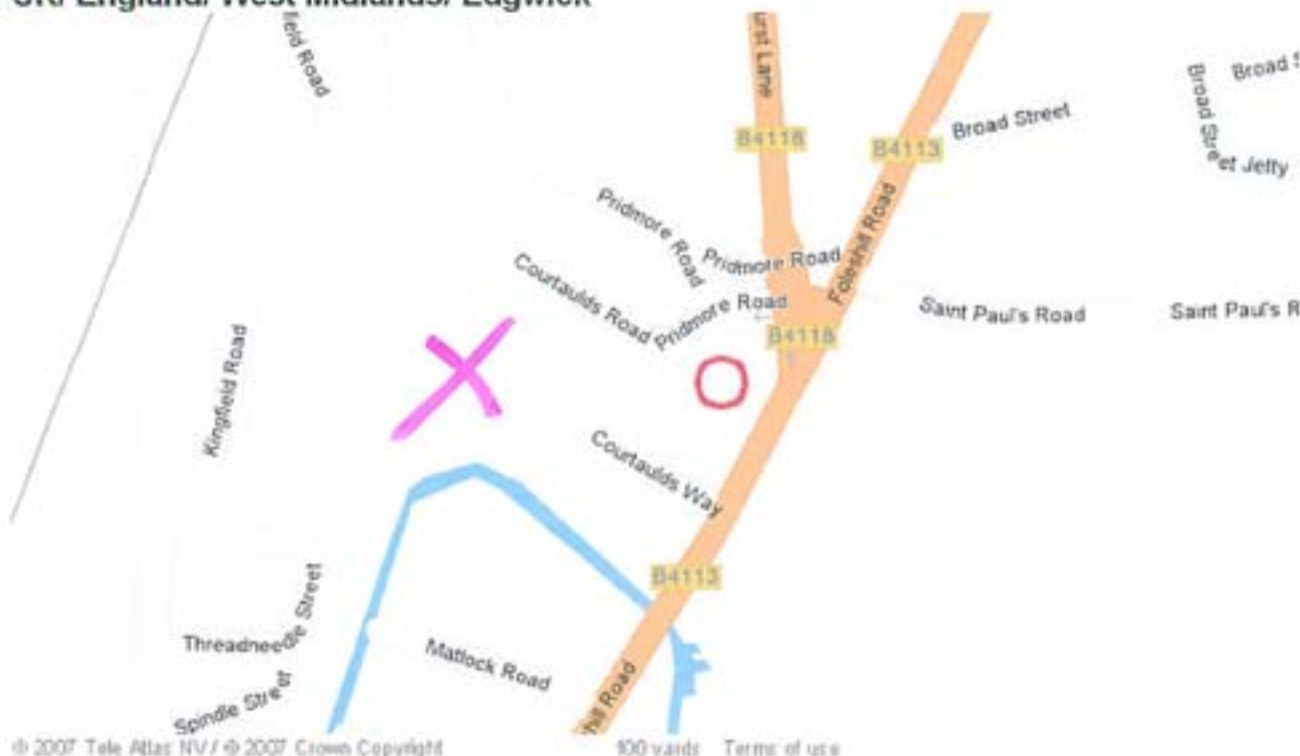
DOCUMENT 13A



You searched for: CV6 5NX
Date: 21 November 2007

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UK/ England/ West Midlands/ Edgwick



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