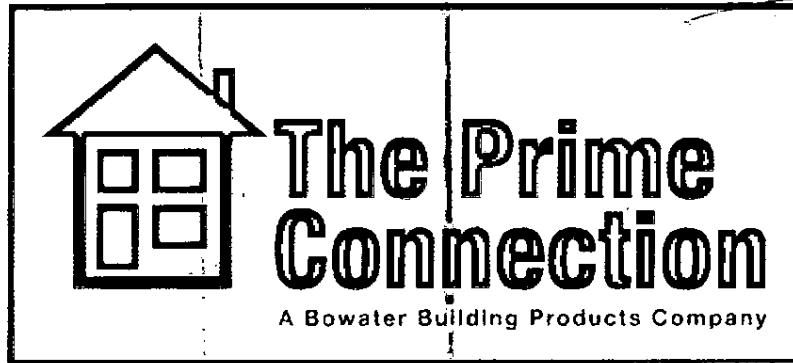


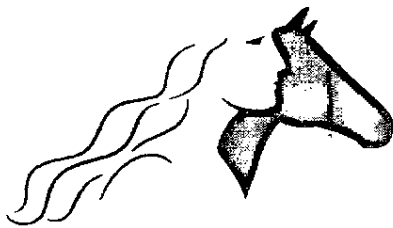
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## PART B APPLICATION FORM

### Contents:

1. Coventry City Council Application form
2. Composite Door Line Submission Document
3. Composite Door Line Register of Environmental Effects
4. Emissions Monitoring results from similar process
5. Chimney Height Calculations
6. Maintenance Programme
7. Annual Service of Machinery
8. Site Location
9. Site Layout
10. Composite Door Layout - Floor Plan
11. Environmental Policy



## 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.hms.gov.uk/si/si2000/20001973.htm](http://www.legislation.hms.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:

**Coventry City Council  
Public Protection  
Room 305 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

For Local Authority use		
Application Reference:	Officer Reference:	Date Received:

## A 1.1 Name of the Installation

The Prime Connection

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

COURTAULDS HOUSE

COURTAULDS WAY

COVENTRY

Postcode: CV6 5NH

Telephone Number: 0121 749 3000

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

S P 3 3 7 8 0 8

## 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**

BOWATER BUILDING PRODUCTS LTD

Trading / Business Name: (if different)

THE PRIME CONNECTION

Registered Office Address:

4 HOCKLEY COURT

2401 STRATFORD ROAD, HOCKLEY,

SOLIHULL

Postcode: B94 9 6NW

Principal Office Address: (if different)

Postcode:

Company Registration Number:

5088708

**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:

SQUARE PINK

Registered Office Address:

4 HOCKLEY COURT

2401 STRATFORD ROAD, HOCKLEY

SOLIHULL

Postcode: B94 6NW

Principal Office address: (if different)

\_\_\_\_\_  
\_\_\_\_\_  
Postcode: \_\_\_\_\_

Company Registration Number:

5088596

### 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: CLAIRe GOODBY

Position: QA & ENVIRONMENTAL CO-ORDINATOR

Address: WATER ORTON LANE

MINWORTH

SUTTON COLDFIELD Postcode: B76 9BW

Telephone Number: 0121 749 3000

Fax Number: 0121 749 2511

E-mail Address: Claire.goodby@BOWATERBUILDINGPRODUCTS.COM

## 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
USE OF 5 TONNES OR MORE OF DIPHENYL - METHANE - DI-ISOCYANATE	SECTION 4.1 ORGANIC CHEMICALS PART B, a(i)
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: Site location & Drawing number 516/c/1 (25/8/99)

- 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: MAPCOV & composite door Production map

## 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: Composite door line - Issue 2 - 27/10/04 (page 1-5)



## 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).*

## 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: Composite door line - Issue 2 - 27/10/04 (page 6)  
Chimney height Calculation

## 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: Composite door line - Issue 2 - 27/10/04 (page 6)

## 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: Composite door line - Issue 2 - 27/10/04 (page 7)  
Maintenance programme - Palms Ltd.

**B 2.6**

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

Document Reference: Composite door line - Issue 2 - 27/10/04 (page 8)

**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: Composite door line - Issue 2 - 27/10/04 (page 8)

**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 is 448m to the South-East of  
The Prime Connection

**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: Composite door line - Issue 2 - 29/10/04 (page 9)

## 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: ENVIRONMENTAL POLICY

## 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.

Purchase order N° 83387

## 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.

The Prime Connection, Courtaulds House, Courtaulds way,  
Coventry

Postcode: CV6 5NH

Telephone Number: 0121 749 3000

## 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: BOWATER BUILDING PRODUCTS LTD

Installation Name: THE PRIME CONNECTION, COURTAULDS HOUSE

Signature: 

Name: A. J. L. Keir

Position: Chief Executive

Date: 22.9.04

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Date: \_\_\_\_\_

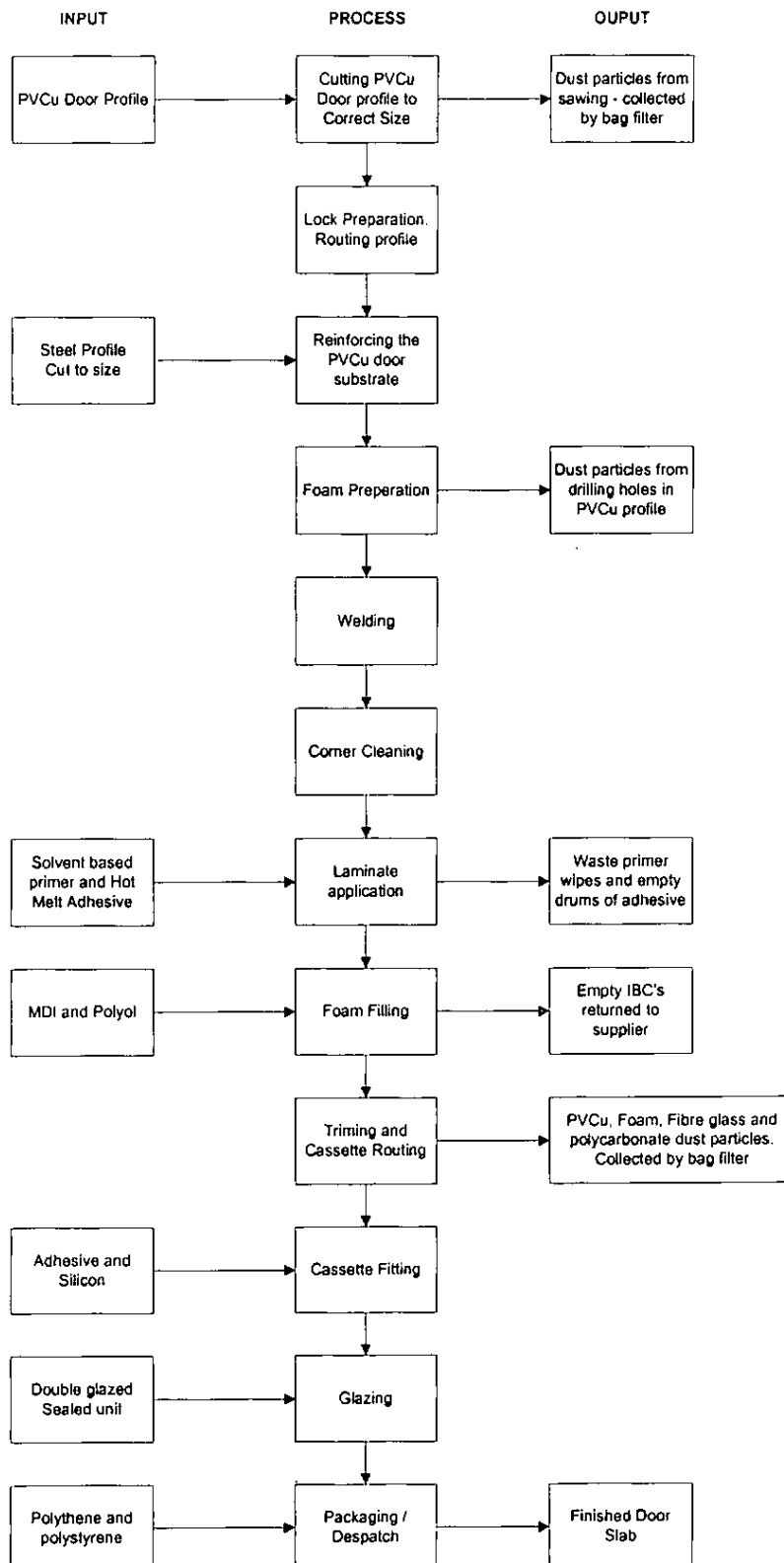
\* Where more than one person is defined as the operator, all should sign. Where a company or other body corporate - an authorised person should sign and provide evidence of authority from the board of the company or body corporate.

**B2 The Installation**

**B2.1) Describe the proposed installation and activities and identify the foreseeable emissions to air, water and land from each stage of the process.**

The Prime Connection will be installing a new composite door line at their site in Coventry. The door line will be capable of making 100-door slabs per week and the process will be operating 39 and quarter hours per week. Hours of work being 7.00am - 4.00pm (Monday - Thursday) and 7.00am - 12.15pm (Friday).

A process flowchart is shown below, with detail on each stage of the process.



**Stage 1: Cutting**

PVCu Door profile is cut using a twin head saw, to the specified size. Dust extraction is present on this saw to take any dust particles away from the operators. The dust particles are collected by a bag filter, which will be changed as and when required. Any PVCu offcuts will be placed into designated skip for recycling.

**Stage 2: Lock Preparation**

The locking side section of the door profile will be routed.

**Stage 3: Reinforcing**

The steel reinforcement is pre-cut (modular size) by the supplier. The reinforcement will be placed into the cavity of the PVCu door profile and fixed into place using screws.

**Stage 4: Foam Preparation**

At the base of the door, a 25mm hole will be drilled into the PVCu profile. This hole is formed so the foam can be injected into the door substrate. At the top of the door pressure release holes will also be drilled.

**Stage 5: Welding**

All 4 sides of door profile will then be welded

**Stage 6: Corner Cleaning**

Excess PVC weld spru created in the welding process is removed from both faces of profile and also machined at corners.

**Stage 7: Laminate Application**

Door substrate is placed onto the laminate applicator table. The substrate is cleaned with a solvent-based primer. This will either be in the form of a moisture wipe, which already has the solvent on the wipe, or a rag will be used that will be impregnated with the primer, from a dispensing device. The rags/solvents wipes will then be stored in an enclosed container pending disposal as special waste.

Both sides of the door substrate will be wiped with the primer. The door substrate will then be placed onto the press table; pneumatic pistons on the press will then centralise the substrate in relation to the skin to be applied. The pistons on the table also tell the applicator head where the adhesive should be applied. 6 beads of adhesive will be applied to the flat side of the door substrate. Each bead of adhesive is 3mm wide. It takes approx. 25 seconds for the adhesive to be applied. The door skin, which comprises of, glass-reinforced plastic, PVC or polycarbonate, will be placed on to the vacuum arm, which rests just above the applicator press. The operator will then lower the arm down onto the door substrate and lock the arm into position. Springs on the press will also force the substrate to meet the door skin. Once operation is finished the door substrate is turned over and skin is applied to other side of door. It takes 3 minutes for the glue to set.

Once 6 to 18 doors have been through the press, they are placed onto a trolley and wheeled over to the foam filling application

**Stage 8: Foam Filling**

It is at this stage that the polyurethane foam is mixed and injected into the door slab. The foam is a two component system:

- 1) Polyol component: Elastopor<sup>®</sup> H 1206/1 (clear straw liquid)  
Mixture of chemicals including polyols, surfactants, catalysts and blowing agents (A Component)
- 2) Isocyanate Component : IsoPMDI 92140 (brown liquid)  
Single component also referred to as MDI, iso and Diphenylmethane-4,4'-diisocyanate (B Component).

The two components mentioned above will be stored in 1 tonne IBC units. Each IBC will be stored on a bunded pallet, which is capable of holding 110% of the material stored on it. The company will not hold any more than 5



IBC units onsite at any one time. We will always have 3 Isocyanate and 2 Polyol IBC's onsite. The IBC's will always be stored inside the building in an area that is only accessible to authorised/trained personnel.

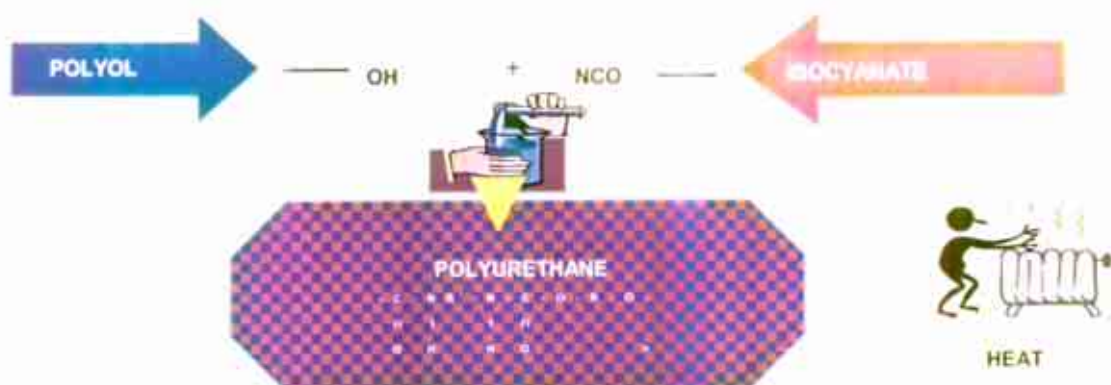
When storing of both the polyol and isocyanate, the following conditions will apply:

- IBC's will be stored away from adverse weather conditions, indoors. IBC in current use must be kept at normal ambient temperatures e.g. 18-22°C, therefore those due to go on stream need to be conditioned accordingly.
- IBC's will be stored at ground level within a bunded area, away from any drains.
- Ground water is protected by the use of an impervious surface material.
- A spillage kit to deal with an emergency consisting of mobile bunds, drain covers, adsorbent, isocyanate decontaminant solution will be present at all times and a procedure on how to deal with such a situation will be issued to all operators.
- IBC's will be stored away from traffic to prevent damage to the container.

Process requirements for Polyol and Isocyanate:

- Personal Protective Clothing is provided and worn by foaming operators when processing Polyurethane Chemicals, e.g. goggles/visor, overalls, disposable gloves, safety shoes and any others deemed necessary where risks are not adequately controlled by other means.
- IBC's will be used as recommended from the supplier, by withdrawing material from the bottom discharge valve by means of the correct couplings/connections.
- A silica gel unit containing moisture absorbing silica gel crystals will be attached to the Isocyanate IBC currently on stream. A change in the colour of the crystals from blue to pink (Eurogel – yellow to green) indicates saturation and would require immediate regeneration of the crystals by heating in an oven at about 120°C. The crystals will be replaced once they fail to regenerate. The silica gel unit is fitted to the IBC's to prevent the ingress of water vapour.
- Respiratory protection in the form of a facemask and the appropriate filter will be provided for carrying out maintenance work.
- No one is allowed to eat, drink or smoke in the vicinity of polyurethane chemicals or processing areas. Operators are informed that hands must be washed before consuming food or drink.

The chemistry & mixing of polyurethane foam is shown below



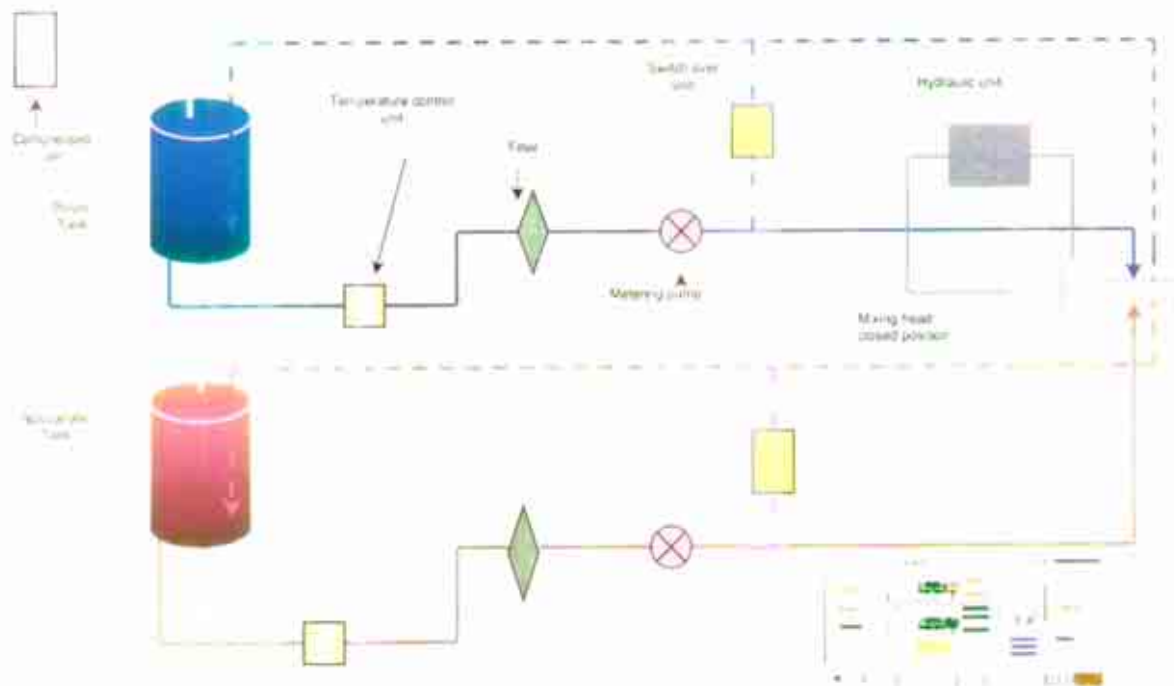
The polyurethane foam is mixed using a high pressure mixing and metering system. The polyol and isocyanate will be stored on an IBC stand. The stand has a motor/pump, which will be used to transfer material from IBC into

the relevant tank. The mixing system will have two tanks, one for polyol and the other for isocyanate. Each tank is capable of holding 200 litres. The material is transferred from the tanks to the mixing head using compressed air.

The tanks and feed lines for polyol and isocyanate will be colour coded. The polyol will be coloured blue and the isocyanate coloured red. This is to ensure that the feed lines are not crossed over and hence become contaminated. The couplings at the base of the IBC's are also specific i.e. male and female couplings are used to prevent cross contamination.

A temperature control unit on the mixing system regulates the temperature of the material. Once the correct temperature is reached, the material is passed through a filter to the mixing head. The output from the mixing system, and ratio of polyol to isocyanate in the foam is recorded at this stage. This is done to ensure the correct ratio is being maintained and provides the opportunity to rectify the ratio where necessary.

Please see below schematic of high pressure metering and mixing system:



Once the polyurethane foam has been mixed the doors are ready to be injected. 6 door slabs are placed into the foam filling press. The base of the door slab stands vertical in the press. At the base of the door, a 25mm hole has been drilled (see stage 4) This is where the foam will be injected into the door.

Once all 6 doors are in the press the press is started. Once all the platens of the press come together a calculation is then typed into the foam gun applicator. The calculation informs the applicator how much foam needs to be placed into the door, without overfilling or under filling. The foam gun applicator head can be moved to reach the hole in each door. It takes several seconds to inject each door and doors are injected from left to right, so the operator knows which one has/has not been injected. Once each door has been injected with the foam, it will then start its setting cycle. This lasts 20 minutes. The press is then opened and doors are removed and placed onto a trolley. It is also at this stage that the gun foam applicator head will be cleaned, ready for next door slabs. The applicator head is cleaned, by drilling out any foam, which has set in the applicator head. When the door slabs are taken out of the press they are left on a trolley for approx. 1 hour before any machining can commence. T

Above the area where the foam will be injected into the door, an extraction unit will be provided to take any particulate, VOC or di-isocyanate fumes away from employee's performing this operation. The chimney stack dispersing the emissions will have no cap or cowl fitted to it, which can hinder dispersion of the emissions.

### Stage 9: Trimming and Cassette Routing

Door is then placed onto one of three router tables. Any excess of door skin is removed and relevant panels on the door are removed, to make way for glazing. The large offcuts of door will drop to the bottom of the table and will be collected and disposed of as general waste. It is important to note that each router table will have an extraction system, where by any dust will be removed away from employee and collected. As the polyurethane dust is combustible an explosion panel will be fitted to the extraction unit.



**Stage 10 & 11: Cassette Fitting and Glazing**

A cassette is used as edging on the door slab, for where panels have been removed. The Cassette is applied to the door slab, using adhesive, and the double glazed sealed unit is secured between the cassette.

**Stage 12: Packaging and Despatch**

Once the door slab is glazed it is then ready for being packed. A heat wrap is used to place polythene round the door slab. Where required polystyrene may also be used to protect the corners of the door slab. Once wrapped the door is then ready for despatch.

**B 2.2) Characterise each emission point and quantify.****i) Point Source Emissions**

At stage 8, where the foam is injected into the door slab, Extraction hoods have been placed over the foam injection point. The extraction will allow di-isocyanate and particulate vapours to be removed away from employees. Viewing the factory layout the extraction hood will be placed over the Mixing Unit and Door press. The fan at the base of the Extraction hood will be large enough to extract  $0.9\text{m}^3/\text{sec}$ , as recommended by the company installing the extraction system. As this is a new installation no monitoring records currently exist, for emissions to atmosphere. However, Isocyanate monitoring results have been included in the submission document, from a similar process. The information has been provided to The Prime Connection from Elastogran UK Ltd

Once the foam is injected into the door slab, the door skin is trimmed to remove any excess. The door is also routed at this stage. See stage 9 (trimming and cassette routing) above.

A bag filter collects the dust particles from trimming and routing. As the dust is combustible an explosion unit will be fitted to the filter unit. The contents of the filter will be emptied as and when required and disposed of by a licensed waste contractor. The extraction unit has been identified on the site layout, see attached.

**ii) Fugitive Emissions**

During the application of the hot melt adhesive, a solvent-based primer will be used to prime the surface of the door substrate. The solvent will be applied onto the substrate in the form of a moisture wipe/rag. The wipe will then be placed into a special waste drum once used. As only 100 door slabs a week will be manufactured, the qty of solvent at this stage is not significant, and hence no extraction hood will be installed. Calculation for qty of solvent is shown below:

8,610 kgs per annum is used to laminate 2.915million linear metres, with an average width of 68mm, therefore 8,610 kgs of primer covers 198,220 sq mtrs or 0.0230 kgs of primer per sq. mtr.

The composite door area will have a requirement to prime 93 sq. mtrs per week or approx. 4500 sq. mtrs per annum at 0.0230 kgs per sq. mtr x 4500 sq. mtrs per annum = 103.5kgs pa.

The calculation shown above is if we flood fed the primer onto the door substrate, which we will not be doing. On this basis the primer requirement is less than 1 tonne on worse case scenario.

When the feed lines are being connected onto the IBC's, there is a chance for vapours from the IBC's could escape into the environment. This can only occur when the IBC's are being changed. The correct couplings will be fitted to the base of the IBC's, that are colour coded prevent the release of any chemicals.

The isocyanate IBC's must not be locked tight, in case moisture or water has been allowed to ingress into the IBC. When water mixes with isocyanate an explosion occurs. To prevent this the small vent cap at the top of the IBC must be loosened, as to allow venting while the material is being used. In addition a silica gel unit containing moisture absorbing silica gel crystals will be attached to the isocyanate IBC currently on stream.

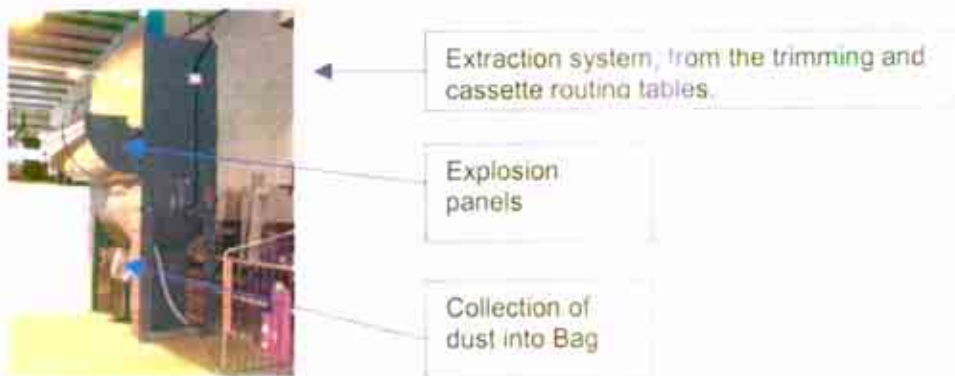
During the foam mixing process, Quality control checks need to be made on the polyurethane foam to ensure the ratio of the two materials is correct. This QC check is commonly known as a 'bag shot'. After completing the bag shot test, the waste foam is placed into a designated container for disposal.



**B 2.3) For each emission point, describe the proposed technology and other techniques for preventing or, where that is not practicable, reducing emissions.**

Dust emissions from the cassette/routing tables is extracted into a bag filter and is emptied as and when required. Contents of the extraction system will be contained within transparent bag. An explosion unit is being fitted to the cassette routing tables, to prevent explosion from dust particles.

Explosion panel does not lead directly to the atmosphere. Picture of the bag filter extraction system is shown below. As part of routine maintenance the extraction system will be inspected to ensure that filter is working adequately and has the right level of extraction. Outside contractors will be performing this work every 6 months.



No techniques will be employed for emissions from the foam mixing process, therefore emissions go directly to the atmosphere with no abatement or treatment. An extraction hood has been placed over the foam injection point. The extraction will allow di-isocyanate and particulate vapours to be removed away from employees. The fan at the base of the Extraction hood will be large enough to extract  $0.9\text{m}^3/\text{sec}$ , as recommended by the manufacturer. Stack height is 10.6meters from ground level, and the efflux velocity of the gases at the outlet of the flue is 18.7meters/second. I have also included as part of this submission document the chimney height calculation, for your perusal.

**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.**

Accidents have been taken into consideration when addressing the potential for emissions to be releases into the environment. Measures have been put in place to deal with such incidents, please see below:

All chemicals are stored on bunds to prevent the spread and drainage into surface water, sewage lines or soil

A dedicated team has been specifically trained to deal with isocyanate and polyol spillages. Although all members of staff on site, have received basic spillage training.

When dealing with polyol or isocyanate spillage's, protective gloves and goggles are worn at all times. In the case of an isocyanate spillage, the clean-up team will wear the appropriate respiratory mask. Polyol spillage's can be dealt with using commercially available absorbent, or sand as a temporary expedient. After collection the residue will be sent for special waste disposal, with a licensed waste contractor. Smaller amounts of polyol can be removed with common household detergents and warm water. Surfaces, which have been wetted with polyol, present serious danger of slipping or skidding similar to oil, spills.



Picture of spill response centre is shown below:



Spillage procedure for Isocyanate and Polyol is shown below:

The working area must be evacuated as soon as an Isocyanate spillage is detected. Only the clean-up crew with the necessary personal protective equipment is allowed to remain in the vicinity of the affected area. A portable MDI monitor will be used to assess MDI vapour.

Cover spillage with absorbent and decontaminate solution and then transfer into designated 'special waste' drums. Only fill to a maximum of 60-70% and cover loosely as the material may expand, resulting in undesirable pressure build-up due to the formation of carbon dioxide.

Leave for fourteen days after which the di-isocyanates will have largely broken down and only then can they be disposed of using a licensed waste carrier or contractor.

When dealing with polyol or Isocyanate spillage's, protective gloves and goggles should be worn at all times. In the case of an Isocyanate spillage, the clean-up crew must use appropriate respiratory masks.

If the plant/equipment was to fail then no production would take place, hence there would be no emissions to the atmosphere.

The extraction system for the composite door line has no form of abatement fitted to it, hence emissions go direct to atmosphere. If the fan within the chimney stack did fail, then emissions would not be taken away from the process. Instead the emissions from the process would stay within the factory. If this was the case, production would stop due to health and safety reasons until the problem was corrected.

Any malfunctions or breakdown of equipment, leading to abnormal emissions will be dealt with promptly, and until such time that it corrected production will not take place. All malfunctions and breakdowns will be recorded in a logbook held at Coventry. If there is likely to be an effect on the local community, then Coventry City Council will be informed immediately.

**B2.5) Describe the proposed measures for monitoring all identified emissions including any environmental monitoring and frequency, measurement methodology and evaluation procedure proposed.**

On a daily basis a visual olfactory assessment of any emissions from the chimney stack will be completed and recorded. This routine check will form part of our Env. Management system. Records of the assessment will be kept at Coventry and will be held for a minimum of two years.

In addition to the daily olfactory assessment, The Prime Connection will carry out bi-annual monitoring of VOC's, Di-isocyanate as total NCO group and Particulates from the stack. This will be undertaken to ensure that emission levels do not exceed those stated in the Part 'B Permit. The chimney flue and ductwork will be cleaned to prevent accumulation of materials, and this will form part of routine maintenance. All monitoring records will be held at Coventry for two years.

Emissions of Isocyanates will be measured during normal operating conditions. If the production capacity increases dramatically, or there are any significant changes to the process then the frequency of testing will be increased. Testing will also be increased where emission levels are close to the emission concentration limits as referenced in PG6/29(97). The Prime Connection will ensure that the company used to undertake atmospheric monitoring will be UKAS accredited and will follow the sampling methodology described in PG6/29(97), when carrying out monitoring. All monitoring results will be taken from the exit of the chimney, as shown in the picture below.



Exit from chimney stack, where all sampling will be taken from

A scissors lift will be used to gain access to top of chimney. At no time will the monitoring company be required to climb onto the roof of the building.

The Regulator shall be advised at least 7 days in advance of any monitoring exercise to determine compliance with emission limit values of the provisional time and date of monitoring, pollutants to be tested and the methods to be used.

The results of all emission testing shall be forwarded to Coventry City Council within 8 weeks of the completion of the sampling. Where the emission measurement exceeds the emission concentration limit specified, the results shall be forwarded to the Regulator within 5 days. Where any emission concentration is more than twice the specified emission concentration limit, Coventry City Council shall be informed immediately. As part of corrective/preventative action, The Prime Connection shall:

- Identify the cause and take corrective action
- Record as much detail as possible regarding the cause and extent of the problem, and the action taken to rectify the situation
- Re-test to demonstrate compliance as soon as possible

**B2.6) Provide detailed procedures and policies if you're proposed environmental management techniques in relation to the installation activity described**

The Prime Connection is accredited to ISO 14001, with BSI. As a result, the composite door process will be incorporated into the scope of registration. As a result of the EMS a register of environmental effects and an emergency register of effects, will be completed. Procedure will be implemented to reduce the impact the process has on the environment and where possible objectives and targets will be set to reduce emission level, waste and energy consumption. Specific procedures will be generated once the process is installed. Procedures that are currently in place, but will be amended to include composite door line, are listed below:

- Waste identification
- Waste disposal and documentation
- Monitoring & testing
- Environmental incident reporting

The above mentioned procedures will be updated when the equipment has been installed and the process starts to manufacture composite doors.

An outside contractor will inspect all extraction equipment every 6 months, to ensure that the correct level of extraction is being maintained. A routine/preventative maintenance contract has been signed with a sub-contractor, and copies of all inspection reports will be held at Coventry. A copy of letter from sub-contractor who will be performing routine/preventative maintenance, is attached.

The company is committed towards continual improvement, and this is emphasised within our environmental policy. As a result, the company will be in consultation with our raw material supplier, to look for an alternative material to the solvent based primer, used during the lamination stage of the process. A copy of The Prime Connections Environmental Policy is attached.



**B3 Impact on the Environment**

**B3.1) Provide an assessment of the potential significant local environmental affects of the foreseeable emissions?**

The Prime Connection will not be installing any abatement equipment to the chimneystack serving the polyurethane foam filling area. We do not foresee emissions, during normal operating conditions, causing any harm to the surrounding area. Monitoring will be undertaken, in accordance with Part 'B permit to ensure that emissions are not exceeding regulatory requirements.

Register of Environmental effects has been generated for the composite door line and is attached.

**B3.2) Are there any sites of special scientific interest or European sites, which are within 2 kilometres of the installation.**

Websters clay pit is 448m to the south-east of the site, as shown on map for location of site.

**B3.3) Provide an assessment on whether the installation is likely to have a significant effect on such sites.**

Within the factory at Courtaulds Way, a workshop has been designed to house the composite door production line. Within the workshop all the necessary equipment has been provided to ensure no environmental damage will occur. IBC's which house the chemicals will be stored on bunds at all times. Male and female couplings are being used on the IBC's, so no cross contamination can occur.





Composite Door Line Register of Environmental Effects

2.0 Register of Environmental Effects

The process flowcharts shown above have been used as a basis for identifying effects the composite door line process has on the environment. Effects register is shown below.

Any item coloured in **RED** has a Very High Risk to the Environment and therefore corrective/preventative action will be instigated.

Composite Door Line Activity	Aspect	Frequency	Severity	Regulate	Controllable	Likelihood	Total	Impact	Frequency	Severity	Regulate	Controllable	Likelihood	Total
Delivery /Movement of Frame/Profile	Potential for dropping Profile	1	2	3	2	2	10							
	Isocyanate Delivery/Movement	Potential for spillage	1	5	5	3	2	16	Land Contamination	1	5	5	4	2
Polyol Delivery/movement	Potential for spillage	1	5	5	3	2	16	Emissions to air	1	5	5	5	2	18
								Water Contamination	1	5	5	5	2	18
								Waste	1	5	5	4	2	17
								Land Contamination	1	5	3	4	2	15
Trichloroethylene Delivery/movement	Potential for spillage	1	5	5	3	2	16	Emissions to air	1	5	3	5	2	16
								Water Contamination	1	5	3	5	2	16
								Waste	1	5	3	4	2	15
								Land Contamination	1	5	3	4	2	15
Storage of Doors	Potential drum leak	1	2	3	2	2	10	Emissions to air	1	5	5	5	2	18
								Water Contamination	1	5	5	5	2	18
								Waste	1	5	5	4	2	17
								Land Contamination	1	5	5	4	2	17
Storage of Isocyanate	Potential drum leak	1	5	5	3	2	16	Emissions to air	1	5	5	5	2	18
								Water Contamination	1	5	5	5	2	18
								Waste	1	5	5	4	2	17
								Land Contamination	1	5	5	4	2	17
Storage of Polyol	Potential drum leak	1	5	5	3	2	16	Emissions to air	1	5	3	5	2	16
								Water Contamination	1	5	5	5	2	18
								Waste	1	5	5	5	2	18
								Land Contamination	1	5	5	4	2	17
Storage of Trichloroethylene	Potential drum leak	1	5	5	3	2	16	Emissions to air	1	5	5	5	2	18
								Water Contamination	1	5	5	5	2	18
								Waste	1	5	5	4	2	17
								Land Contamination	1	5	5	4	2	17

Composite Door Line Register of Environmental Effects

Composite Door Line Process		Emissions to air										Water Contamination/Waste																					
Input:	Energy Use	5	5	3	4	5	22	5	5	4	5	4	5	4	5	4	23	5	5	4	5	4	5	4	5	4	5	2	18				
	Isocyanates	5	4	5	5	5	24	5	4	5	5	4	5	4	5	4	23	5	4	5	5	4	5	4	5	4	5	2	18				
	Polyol	5	4	3	5	5	22	5	4	3	5	5	4	3	5	4	20	5	4	3	5	4	3	5	4	3	5	2	17				
	Trichloroethylene	3	4	5	5	4	21	3	4	5	5	4	3	5	4	20	3	4	5	5	4	3	5	4	4	4	2	17					
	Waste Primer	4	5	5	4	4	22	4	5	5	4	4	22	4	5	5	4	4	21	4	5	5	4	4	4	5	4	2	17				
	Waste Profile	3	3	3	3	3	11	3	3	3	3	3	11	3	3	3	3	3	11	3	3	3	3	3	3	3	3	3	3	3	3		
	Back Shot Waste	4	1	3	2	1	11	4	1	3	2	1	11	4	1	3	2	1	11	4	1	3	2	1	1	11	4	1	3	2	1	1	11
	Collected Dust Particles	5	1	3	2	1	12	5	1	3	2	1	12	5	1	3	2	1	12	5	1	3	2	1	1	12	5	1	3	2	1	1	12
	Solvent Wipes Empty IBC's (Polyol/isocyanate)	4	4	5	2	4	19	4	4	5	2	4	19	4	4	5	2	4	19	4	4	5	2	4	19	4	4	5	2	4	19		
	Waste Drums (Hornell)	3	3	3	2	4	15	3	3	3	2	4	15	3	3	3	2	4	15	3	3	3	2	4	15	3	3	3	2	4	15		
VOC Emissions	5	5	5	4	5	24	5	5	5	4	5	24	5	5	5	4	5	24	5	5	5	4	5	24	5	5	5	4	5	24			
Potential for dropping	1	2	3	2	2	10	1	2	3	2	2	10	1	2	3	2	2	10	1	2	3	2	2	10	1	2	3	2	2	10			
Movement of finished product	Fuel Consumption	4	5	5	3	5	22	4	5	5	3	5	22	4	5	5	3	5	22	4	5	5	3	5	22	4	5	5	3	5	22		
	Emissions	4	5	5	5	5	24	4	5	5	5	5	24	4	5	5	5	5	24	4	5	5	5	5	24	4	5	5	5	5	24		



3.0 Scoring Assessment for Register of Environmental Effects

	<b>Frequency</b> 1 2 3 4 5	<b>Severity</b> 1 2 3 4 5	<b>Regulated</b> 1 2 3 4 5	<b>Controllable</b> 1 2 3 4 5	<b>Likelihood</b> 1 2 3 4 5
	How could the impact occur?	To what degree can the impact effect the environment?	What degree of regulation is required?	To what extent can the impact be controlled or influenced?	What is the probability that an impact will occur?
<b>1=</b>	<b>Seldom</b> (Rare, 6 months or more)	Not like to effect.	<b>Non-regulated</b>	Easily controlled or influenced?	<b>Improbable</b>
<b>2=</b>	<b>Intermittently</b> (From time to time, 1 to 6 months)	<b>Minor</b> Easily correctable, short term, deorable.	<b>Voluntary</b>	Requires some resources to address	<b>Remote</b>
<b>3=</b>	<b>Regularly</b> (re-occurring: 1 week to 1 month)	<b>Moderate.</b> Correctable.	<b>Company Policy</b>	Requires moderate resources to address	<b>Moderate</b>
<b>4=</b>	<b>Often</b> (1 day to 1-week)	<b>Serious.</b> More difficult to correct, recoverable	<b>Potential to be come regulated in the future</b>	Difficult to control or influence, requires many resources.	<b>Likely</b>
<b>5=</b>	<b>Repeatedly</b> (happening again and again, daily)	<b>Severe.</b> Complex affect with complicated solution and great effort to correct and recover.	<b>Regulated.</b> (Permitted or requires following government programs)	Very Difficult to control or influence; requires extensive resources.	<b>Very Likely.</b>

<b>5</b>	<b>Negligible Risk</b>
<b>6-9</b>	<b>Low Risk</b>
<b>10-14</b>	<b>Medium Risk</b>
<b>15-19</b>	<b>High Risk</b>
<b>20-25</b>	<b>Very High Risk</b>

# Emission monitoring

## ELASTOGRAN U.K. LIMITED

Alfreton Trading Estate,  
Wimsey Way, Somercotes,  
Alfreton, Derbyshire, DE55 4NL  
Tel: 01773 607161  
RIGID FOAM DIVISION

Elastogran

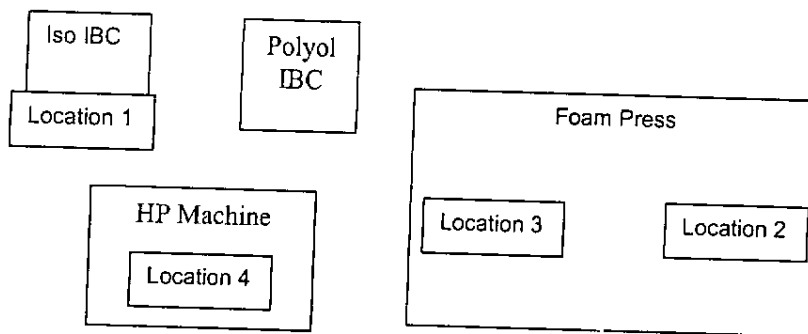


BASF Group

### Isocyanate monitoring example

The following has been copied from a report carried out for a UK customer processing PU foam in a similar style and amount to "The Prime Connection".

### Monitoring location diagram



### Monitoring Results

Location	Position	MDI level (ppb)				
		4 min	8 min	12 min	16 min	Average
1	Isocyanate IBC	0	0	0	0	0
2	RHS Press (during injection)	0	4	3	2	2.25
3	LHS Press (during Injection)	3	4	3	2	3
4	Machine console	0	0	0	0	0

Comparing the above averages to the maximum exposure levels for MDI shows that the values obtained are below exposure limits taken from the EH40/2000 Occupational Exposure Limits (issued by the Health and Safety Executive - see below).

Long term exposure limit (8 hour TWA reference period)

5.3 ppb MDI = 0.02mg/m<sup>3</sup> NCO

Short Term Exposure Limit (15 minute reference period)

18.7 ppb MDI = 0.07mg/m<sup>3</sup> NCO (ppb = parts per billion)

## Chimney Height Calculations

Formulae:  $He = HC + Hp$

He = Effective height of release

HC = Chimney Height

Hp = Plume Rise

HC = Chimney Height = 10.6 meters

Hp = Plume Rise due to momentum:

Formulae:  $Hp = D (v/u)^{1.4}$

D = Diameter of Chimney = 250mm

V = Eflux velocity (1.5x wind speed passing over chimney)

U = Wind Speed = 12.4mph

$$Hp = D (15/12.4)^{1.4}$$

$$= 0.250 (1.2)^{1.4}$$

$$= 0.322$$

$$He = 10.6 + 0.322$$

$$He = 11.0$$

Parade Buildings  
Nimmings Road  
Halesowen  
West Midlands  
B62 9JQ  
Tele/fax 0121 602 6389  
E mail palingsltd@btopenworld.com

# Palings Limited

For the attention of: Mr. Trevor Ridd

Re: Extract air systems serving door fabrication area - **Maintenance Programme**

## **Fume exhaust system design parameters**

The stack height is 10.6 metres from floor level

We have two options with regard to testing stack dilution, by smoke testing system or by calculation, we will need the percentage of ISO present within the exhaust air stream for proving by calculation.

The efflux velocity from the stack is 18.7 m/sec

## **Service / testing of equipment**

We would recommend that the two exhaust air systems are checked for operation compliance/ serviced every 6 months, both systems can be checked during a single visit to site, we have allowed for the inspection / service to be carried out during the weekend so production is not stopped as we need to start / stop the systems a number of times.

## **Fume exhaust system**

The service of the fume exhaust air system would comprise checking operation of fan, this would be by exhaust air volume tests and current loads, these can be compared with the original design and system efficiency calculated. The fan impellor would also be inspected for build up of product on blades and internal services of ductwork.

## **Filter plant**

The filter plant would be tested for air volume, pressure drop across filter media, operation of media cleaning system and sequence of operation, the cleaning system would be lubricated and all seals checked.



### DOOR PRESS ANNUAL SERVICE

- Inspect and check all fixings for tightness
- Inspect Head track bearings and slide
- Inspect all Water hoses and connections
- Inspect all Hydraulic hoses and connections
- Check all Hydraulic Valve connections
- Clean and grease all Rack and Pinions
- Clean all Motor fans
- Drain the Hydraulic Pack oil and clean the tank if required.
- Replace the Filter elements
- Refill the pack with new oil ( Customer to supply the Oil )
- Test the system and check for any leaks.

annual

**F. HEATING AND COOLING SYSTEM**

Check the cooling solenoid valves for correct operation.

Check heaters for correct operation.

Inspect PT100 probes.

Check the temperature controller operation.

**G. MATERIAL TANKS**

Check the tank sight glasses and replace if required.

Check floats for correct operation.

**H. PNEUMATIC CIRCUIT**

Replace any damaged nylon lines.

Inspect all gauges and regulators.

Drain condensate from water trap.

Refill air line lubricator with oil.

**I. CONTROL PANEL**

Test the pressure gauge contacts.

Check the internal wiring condition.

Check all push button and selector switch operation.

Inspect all external wiring condition.

Inspect and clean all motor fans.

**NB** All parts used are genuine ESU CANNON Spare Parts.



annual

**C. DISTRIBUTOR VALVE**

Remove the valves and disassemble.

Inspect the rotary valve and body for damage.

Replace the teflon/'O' ring seals.

Inspect the air cylinder for damage.

Check for Air Cylinder leakage.

Inspect the solenoid valve.

Replace any damaged air lines and fittings.

Reassemble and refit the valves.

**D. HYDRAULIC CIRCUIT**

Replace hydraulic filter element.

Drain tank and replace with **CUSTOMERS SUPPLY OF OIL.**

Inspect all hydraulic lines for damage.

Check all hose fittings for tightness.

Inspect hydraulic head valves, reseal if required.

Inspect for any hydraulic leaks and take remedial action to suit.

**E. FORCED LUBRICATION SYSTEM**

Remove and inspect the forced lube pump.

Reseal the forced lube pump.

Remove and clean the lube containers.

Replace any damaged/blocked lubrication lines.



**METHOD STATEMENT**

**'A' SYSTEM MACHINE ANNUAL SERVICE**

**A. H.P. METERING PUMPS**

Remove H.P. pumps and seal assemblies.

Disassemble the seal housing and inspect the ceramic bush, the bearings and the forced lubrication connections.

Replace the teflon seals and all 'O' ring seals.

Reassemble the seal housing

Refit the pump and seal assembly.

Check condition of high pressure relief valve. (if fitted)

**B. MIXING HEAD**

Remove and disassemble the head.

Inspect the pistons, head body, nozzle and cylinders.

Inspect and clean the banjo fittings.

Inspect and clean the jet assemblies.

Reseal the mixing head pistons and body.

Reseal the banjo fittings.

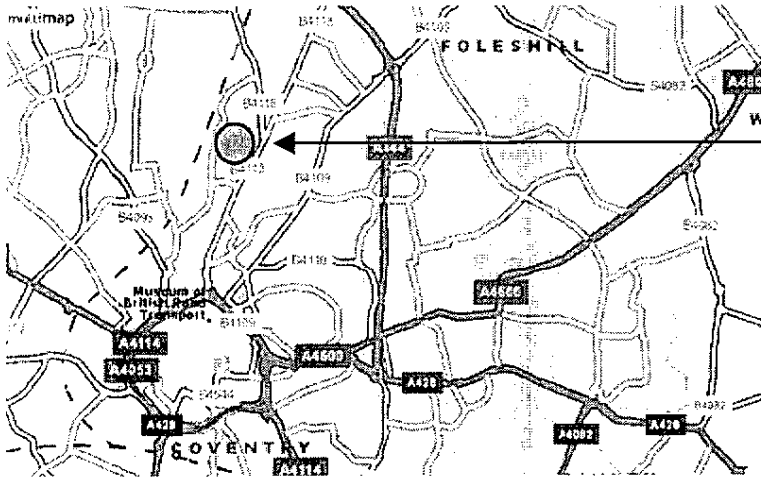
Reseal the jets.

Inspect the proximity switch for face damage and cable damage.

Reassemble the mixing head.

Loctite and torque set the head bolts.

# Site Location

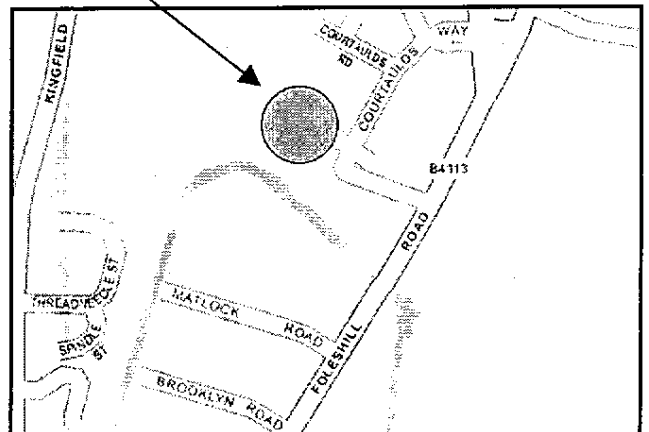


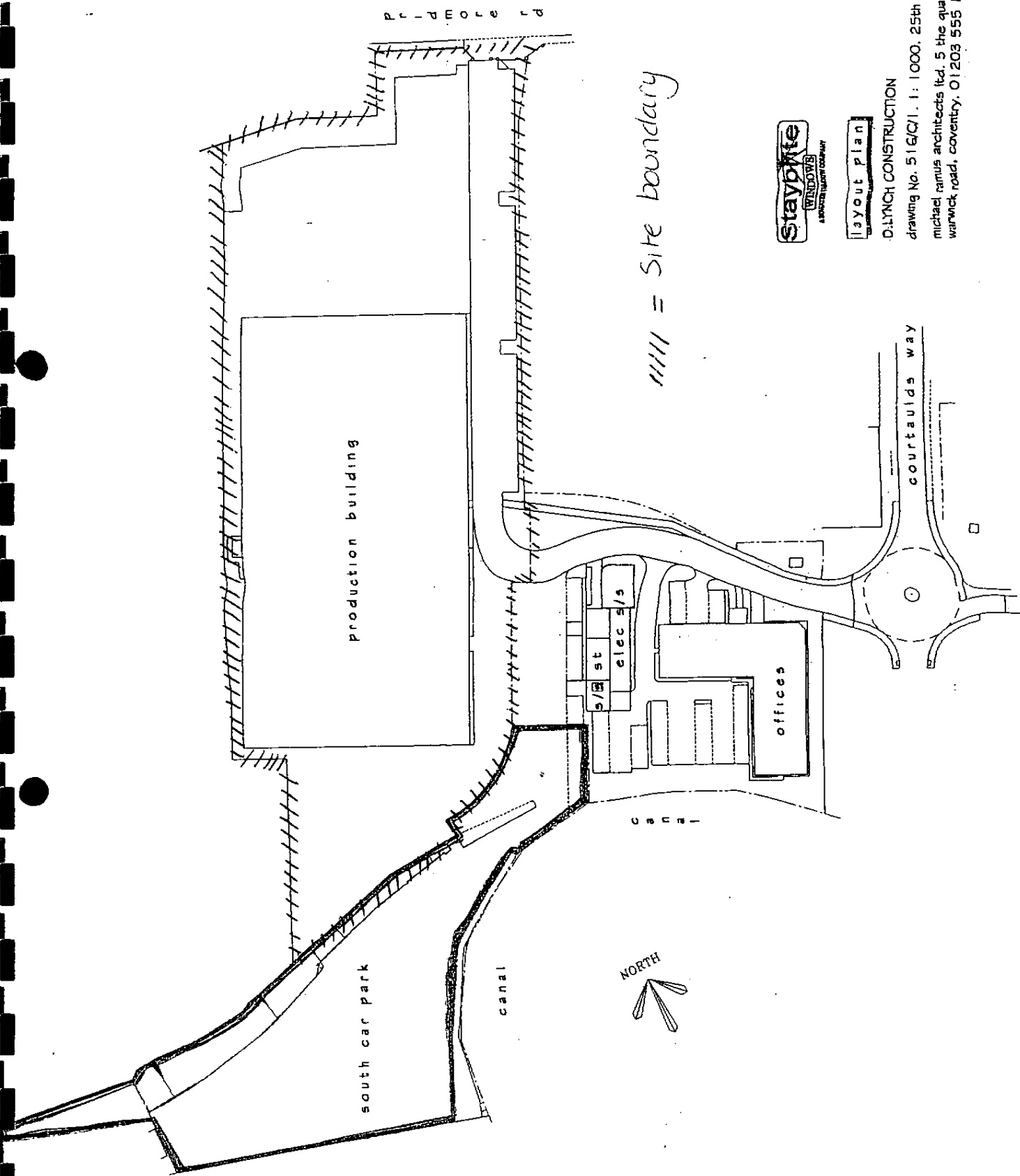
## Site Location

The Prime Connection  
Courtauld House  
Courtaulds Way  
Coventry  
CV6 5NH



Location of The Prime Connection  
Factory. This Factory will house the  
Composite Door Line





PL-DEOLE 12

////// = site boundary

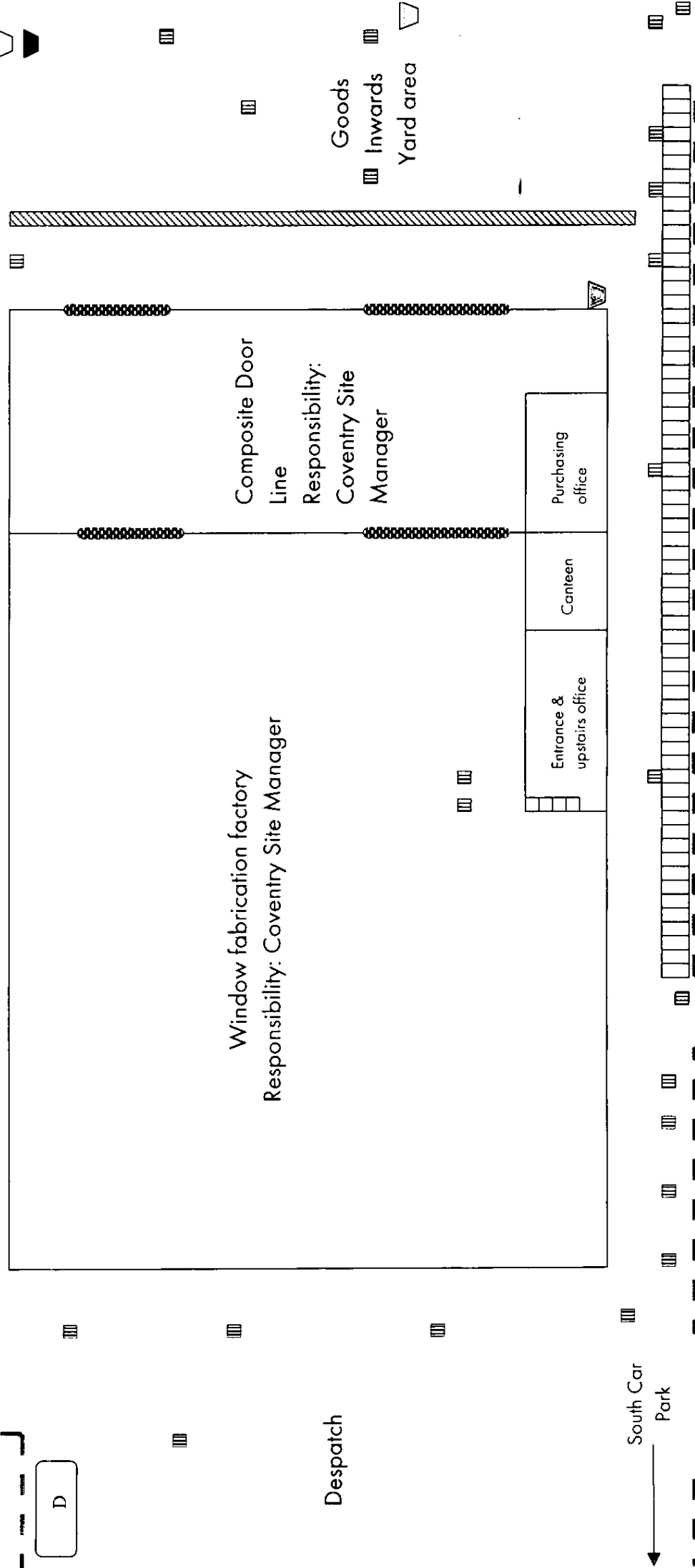


layout plan

D. LYNCH CONSTRUCTION

drawing No. 516/C/1. 1:1000. 25th August 1999.

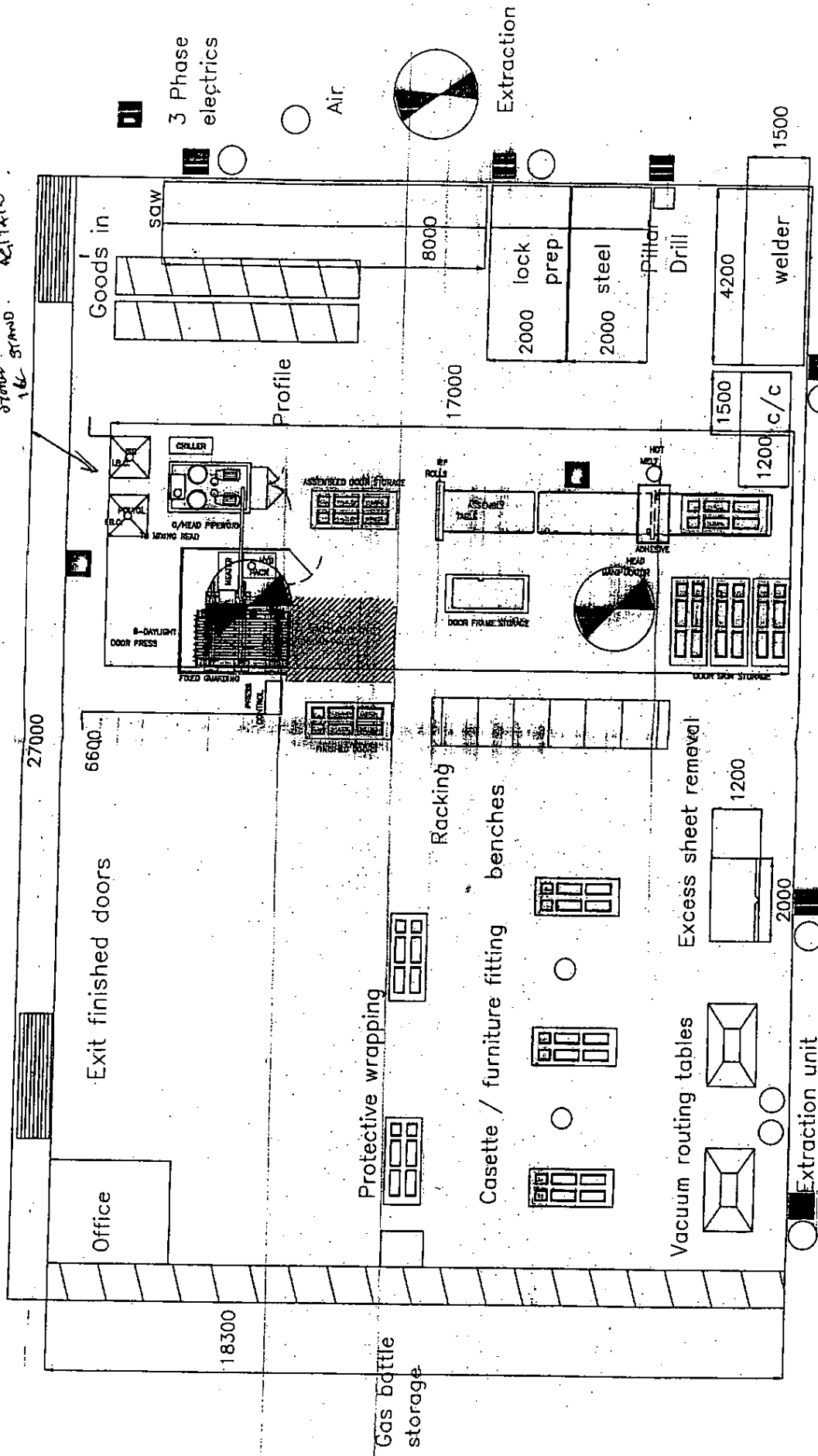
michael ramus architects ltd, 5 the quadrant,  
warwick road, coventry. 01203 555 189.



**KEY**

	General Waste		Diesel Tank
	Profile offcuts / Contaminated U_PVC		Security Fence
	Glass		Gasket Tubes
	Clinical Waste		Roller Shutter Door





STAIRS INSIDE  
 SHALL USE LOCATION  
 STAIRS AND STAND  
 16 STAIRS?

Composite door production

PPC/165/C

● Extraction unit  
 Total area = 477.5 sq m.



# Environmental Policy

## Issue 1

Our commitment to the environment is guided by our environmental policy, developed with customer requirements and legislation in mind. This Policy applies to both sites, personnel and operations, and is on our web page at [www.theprimeconnection.co.uk](http://www.theprimeconnection.co.uk). Information is provided to employees on notice boards/memos and to customers when requested.

Environmental auditing is a self regulating tool which provides us with a framework for data collection, helping to set targets against which we can assess our environmental performance and plan continual improvement. The Prime Connection regularly reviews environmental legislation relevant to our environmental aspects, activities, products and services, ensuring continual compliance. Membership of environmental organisations provides us with education, information, best practices and legislative requirements. Our Management Reviews assist in implementing company principles and ensure that targets are practicable and that adequate resources are allocated to achieving them.

The Prime Connection exercise due care in waste disposal produced as a result of company activities, developing plans to reduce waste, and increase efficiency. In relationships with our customers and suppliers, we are taking practical steps to prevent pollution and to reduce energy consumption and waste. The Prime Connection encourage re-use of material wherever feasible, when it does not compromise our product or service.

The Prime Connection aim to reduce our impact on the environment and implement environmentally responsible policies/products throughout our operations. We understand the importance of integrating good environmental practices into management and strategic planning.

Sites Policy is applicable to:

The Prime Connection  
Water Orton Lane  
Minworth  
Sutton Coldfield  
B76 9BP

The Prime Connection  
Courtaulds House  
Courtaulds Way  
Coventry  
CV6 5NH

.....  
Chief Executive

.....  
Quality Assurance and Environmental  
Co-ordinator



Rachel King  
Coventry City Council  
Environmental Health  
Environmental protections  
Broadgate House  
Broadgate  
Coventry  
CV1 1NH

RECEIVED

Your ref:  
Our ref: SP/38/WM/S/14

17<sup>th</sup> November 2004

Dear Ms King

**Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended)  
Statutory consultation for Part B application for: Prime Connection, Courtalds House,  
Courtalds Way, Coventry**

Thank you for your letter dated 11 November 2004 consulting English Nature on the above-mentioned application.

We note that there is a statutory designated nature conservation site present within the vicinity of the application site. The following Site of Special Scientific Interest (SSSI) is located within 1/2km of the application site: Websters Claypit SSSI

As you will be aware, a conservation assessment is required if statutory nature conservation sites are present within 1/2km of the proposal. In this case we are of the opinion that the proposal is unlikely to damage the geological SSSI, Websters Claypit SSSI, and therefore no further conservation assessment is therefore required in this case.

Yours sincerely



Dr Helen Wake  
Review of Consents Officer

Direct Dial – 01743 282010

Email – [Helen.wake@english-nature.org.uk](mailto:Helen.wake@english-nature.org.uk)



## Coventry City Council

Bowater Building Products Ltd  
The Prime Connection  
4 Hockley Court  
2401 Stratford Road  
Hockley  
Solihull  
B94 6NW

City Services Directorate  
Public Protection  
Environmental Protection  
Broadgate House  
Broadgate  
Coventry  
CV1 1NH

Our Ref: EH/EP/RK  
Your Ref: PPC 164

**Schedule 4 Notice  
LA-LAPC Part B Application  
Pollution Prevention and Control (England and Wales) Regulations 2000**

**APPLICATION NUMBER : 164**

**LOCATION OF INSTALLATION : The Prime Connection, Courtalds House, Courtalds Way, Coventry**

In exercise of the powers conferred upon it by Regulation 6 (1) to (3) and 28 (2) of, and Paragraph 4 of Part 1 of Schedule 4 to, the Pollution Prevention and Control (England and Wales) Regulations 2000 ("the Regulations"), the Coventry City Council (hereinafter referred to as "the Council") hereby requires

**Bowater Building Products Ltd, T/A The Prime Connection, 4 Hockley Court, 2401 Stratford Road, Hockley, Solihull B94 6NW**

("the applicant") to

- a) furnish the Council at the address below the information specified in Schedule 1 attached to this Notice (the Schedule), and
- b) furnish that information in writing within the period ending 31<sup>st</sup> December 2004.

The Schedule consists of information that the Council reasonably considers that it needs for the purpose of the discharge of its functions under the Regulations in respect of the application made to it to operate an installation at the site known as

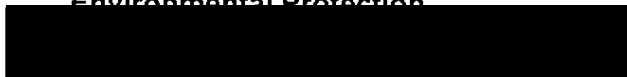
**The Prime Connection, Courtalds House, Courtalds Way, Coventry**

If the applicant fails to furnish the information specified in the Schedule to this Notice within the period specified above, the application shall, if the Council gives notice to the operator that it treats the failure as such, be deemed to have been withdrawn at the end of that period.

Signed: ..... [Redacted] .....

**Rachel King**  
Environmental Protection

Date: *11<sup>th</sup> November 2004*



## SCHEDULE 1

### FURTHER INFORMATION TO BE FURNISHED

*Information provided with the application on emissions monitoring data from a similar installation (Elastogran UK Ltd) does not contain references to the monitoring methodology used, does not show how the final results were derived i.e. conversion of ppm to mg/m<sup>3</sup>, does not show if the results were compliant with the emission concentration limits outlined in PG 6/29(04) or does not compare how the installation differs / has similarities with the proposed Coventry installation. Without this information the Council is unable to determine if the Coventry installation will be able to comply with conditions it may impose in the permit.*

1. The applicant shall provide the information outlined above.

*The information / calculation on the proposed chimney height submitted with the application does not comply with the requirements of the D1 Technical Guidance Note (Dispersion) issued by Her Majesty's Inspectorate of Pollution in June 1993. Without a D1 calculation the Council is unable to determine if emissions from the installation will be adequately dispersed.*

2. The applicant shall submit a D1 calculation that demonstrates if the proposed height of the stack serving the foam injection process is adequate in dispersing pollutants.

Signed: Rachel King Date: 11th November 2004  
Rachel King  
Environmental Protection



Water Orton Lane  
Minworth  
Sutton Coldfield B76 9BW  
United Kingdom  
Telephone: 0121 749 8170  
Fax: 0121 749 8186  
Email: info@theprimeconnection.co.uk

09 DEC 2004

8<sup>th</sup> December 2004

Rachel King  
Principal Environmental Health Officer  
Coventry City Council  
Public Protection  
Room 305 Broadgate House  
Broadgate  
Coventry  
CV1 1NH

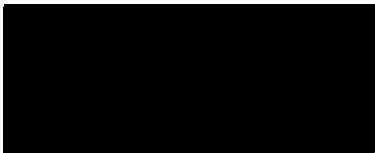
PROTECTION

Dear Rachel,

**RE: Public Announcement**

Please find enclosed a photocopy of the advertisement that was placed into Coventry Evening Telegraph on Thursday 2<sup>nd</sup> December, for your records.

Yours Sincerely,



Claire Goodby  
QA & Environmental Co-ordinator



FM22840



BS5713  
KM22839



BS7412  
KM28959  
KM33504



A member of the  
Glass & Glazing  
Federation



Registered Company



A member of the  
British Plastics  
Federation

**NOTICE OF MAKING ARTICLE FOUR DIRECTIONS**  
**NORTH WARWICKSHIRE BOROUGH COUNCIL**  
**TOWN AND COUNTRY PLANNING**  
**(GENERAL PERMITTED DEVELOPMENT) ORDER 1995**  
 The North Warwickshire Borough Council (Land off Mill Lane, Fillingley, Warwickshire)  
 Directions Nos 1 and 2 2004

**NOTICE IS GIVEN** that North Warwickshire Borough Council have made Directions under Article 4 of the Town and Country Planning (General Permitted Development) Order 1995 ("the Order") listed in the Schedule below referring to particular classes of development in the Parts referred to in Schedule 2 to the Order. The effect of the Directions is that the permission granted by Article 3 of the Order shall not apply to such development shall not be carried out within the area to which an express planning permission is granted by the Council. A copy of the Directions and Plan defining the area to which they relate may be seen at: The Council House, South Street, Alverston, Warwickshire CV9 1BJ between 8.30am and 5.15pm Monday to Friday.

Direction 1 shall come into effect on the date on which this notice is first published.

Direction 2 will come into effect upon being approved by the Secretary of State.

**SCHEDULE**

- North Warwickshire Borough Council (Land off Mill Lane, Fillingley, Warwickshire) Direction No 1 2004: Part 2 Class A - gates, barriers, walls or other Part 4 Class B - use of land
  - North Warwickshire Borough Council (Land off Mill Lane, Fillingley, Warwickshire) Direction No 2 2004: Part 4 Class A - use of land as a caravan site, and development of agricultural holdings of less than 5 hectares.
- Dated 28th November 2004

**TENNIS**

# Eagerly awaited Clash cut short

**JOHN MCENROE'S** eagerly anticipated Masters clash with old rival Boris Becker ended disappointingly for the Royal Albert Hall fans when the German quit with a hamstring strain after just 39 minutes. Five of those minutes were taken up with Becker lying on the floor receiving treatment from the physio after he lost the first set 6-2.

McEnroe responded clinically, immediately taking full advantage with a drop shot his stricken opponent could not reach. After the 45-year-old American had won the first three games of the second set - hammering down three aces to clinch the third - Becker signalled his surrender.

Now he is relying on



McEnroe to beat Holland's Richard Krajicek in their final group match tomorrow night to keep him in the hunt for the winner-takes-all US dollars 100,000 prize.

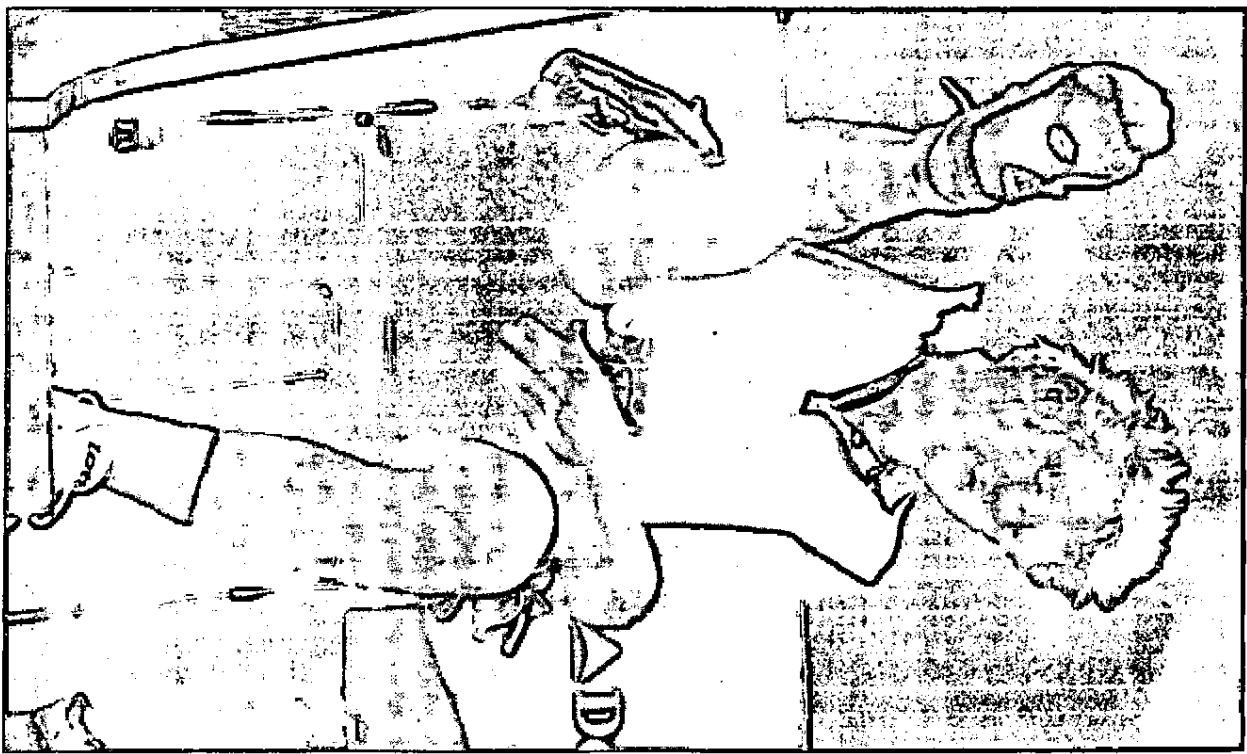
"I'm sore but I know my body and in 48 hours I should get back in decent shape but it isn't in my hands at the moment," said Becker. Although he beat Krajicek last night, the Dutchman took a set that would see him and McEnroe go through if he can beat the veteran American.

"If Krajicek wins I'm out and I'm upset because I wanted to win, so I'll have to look to my old friend John to do the business and keep me in."

Becker, who was involved in a marathon fightback to beat Krajicek in his opening match last night, believes the organisers did him no favours by scheduling him for a 10am start with the sponsors this morning.

"I understand our responsibilities to the sponsors and I'm not looking for excuses but why does it have to be so early?"

"I was a bit tight from yesterday and you need time to rest."  
 "They have to give us a bit more time to prepare in a professional manner. You are playing five days in a row just like a tournament on the main tour and to do all these things is hard. We're not 25-years-old any more," said



**GETTING A LEG UP:** Boris Becker is forced to withdraw from the match

## Environmental Protection Act - Part 1

Bowler Building Products Ltd trading as The Prime Connection, Courtauld House, Courtaulds Way, Coventry CV6 5NH, has applied for an authorisation from Coventry City Council to operate a di-isocyanate process with a use of 5 tonnes or more of diphenyl methane di-isocyanate, in any 12 month period.

The application contains a description of any foreseeable significant effects of emissions from the installation on the environment.

The application has been placed on the public register held at Coventry City Council, Broadgate House, Broadgate, Coventry and can be inspected free of charge during normal office hours. Any written comments on the application should be made to the Coventry City Council address within 28 days of the date of this advertisement. Any written comments will be placed in the public register unless they include a statement requesting that this is not done.

If there is such a request the register itself will just include a note that representations have been made which are not on the register because of such a request.

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