

ENVIRONMENTAL PROTECTION ACT 1990, PART 1  
THE ENVIRONMENTAL PROTECTION (PRESCRIBED PROCESSES  
AND SUBSTANCES) REGULATIONS 1991 SI [ ]  
THE ENVIRONMENTAL PROTECTION (APPLICATIONS, APPEALS  
AND REGISTERS) REGULATIONS 1991 SI [ ]

APPLICATION FOR AUTHORISATION UNDER SECTION 6 OF THE  
ENVIRONMENTAL PROTECTION ACT 1990

1. Either Name and address of applicant\*

..... Marvic-Empe Ltd.....  
..... Bodmin Road.....  
..... Wyken.....  
..... Coventry..... CV2 5DY.....

OR

Name, number and registered office of applicant  
company\* (if applicable)

.....  
.....  
.....  
.....

\* the person/company who will operate the process, not  
e.g the person/consultant who is writing the  
application on the operator's behalf.

2. Name and address of premises where process is or will be  
carried on (not applicable to mobile processes)

..... Siskin Drive.....  
..... Coventry.....  
.....  
.....

3. Address for correspondence if different from 1

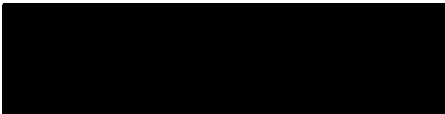
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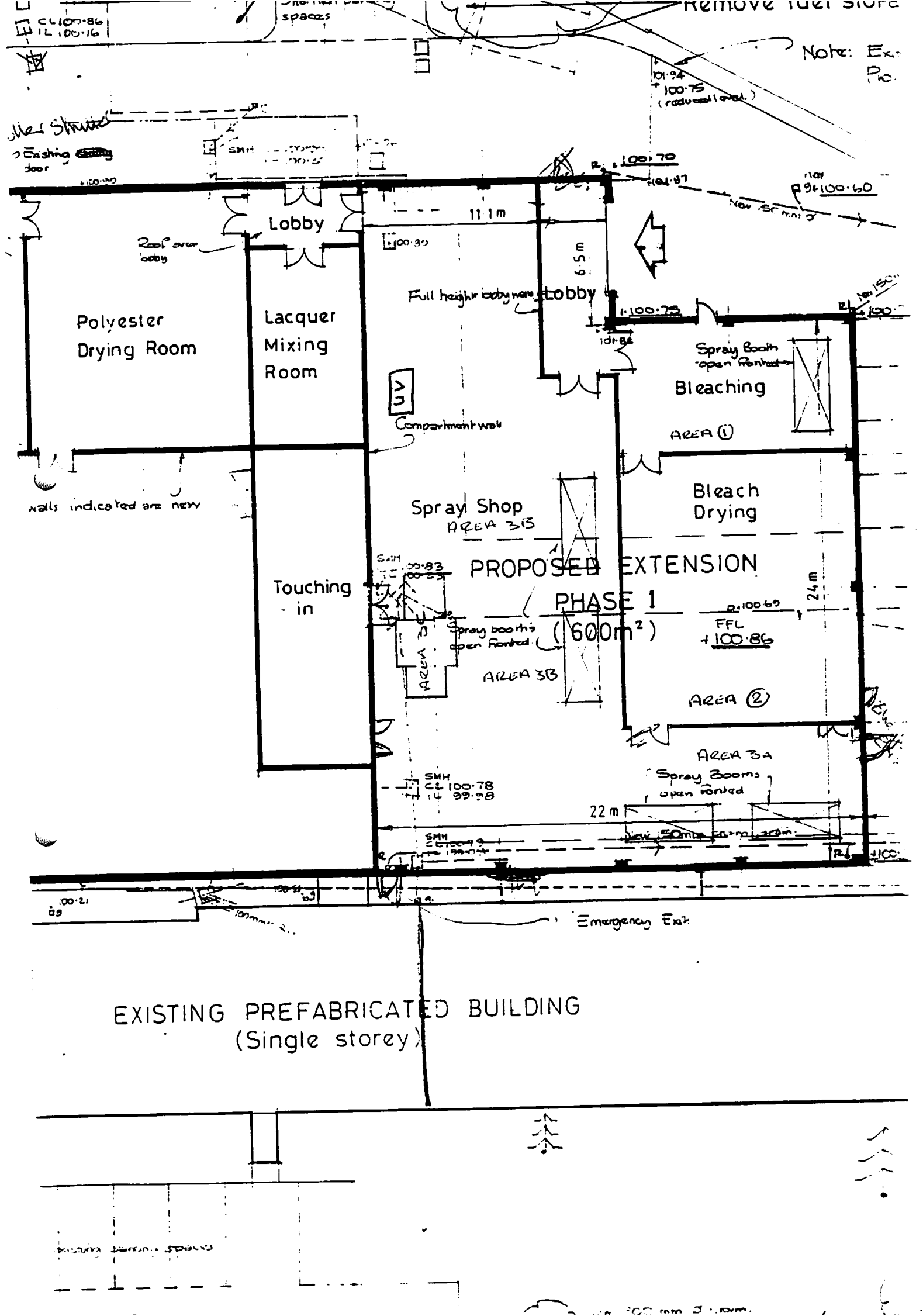
- list of prescribed substances (and any other substances) which might cause harm if released into the air) used in connection with or resulting from the prescribed process
- description of the techniques to be used for preventing releases into the air of such substances, for reducing such substances to a minimum and for rendering harmless any such substances that are released
- details of any proposed release of such a substance into the air and an assessment of the environmental consequences
- proposals for monitoring any release of such substances, the environmental consequences or any such release and the use of techniques for preventing (etc)?? releases
- the matters on which the applicant relies to establish that the objectives in section 7(2) of the Act will be achieved and that he will be able to comply with the condition implied by section 7(4) of the Act

The applicant may also supply any other information he wishes the Local Authority to take into account in considering his application.

Fee enclosed (cheques to be made payable to  
 ....Coventry..City..... Council)  
 £ ..900.00.....

I hereby certify that all the information contained in this application is, to the best of my knowledge, correct.

...  ... (Signature)  
 ..... 26/8/94 ..... (Date)



Remove fuel store

Note: E.F. 100-80

CL 100-86  
FL 100-16

Existing door

101-94  
+100-75  
(reduced level)

Roof over lobby

Lobby

11.1 m

6.5 m

Polyester Drying Room

Lacquer Mixing Room

Full height lobby new lobby

Spray Booth open fronted  
Bleaching

AREA 1

walls indicated are new

Spray Shop  
AREA 3C

Bleach Drying

Touching in

PROPOSED EXTENSION

PHASE 1

(1600m<sup>2</sup>)

2.10069  
FFL  
+100-86

24 m

SMH  
CL 100-83  
FL 100-23

Spray booths open fronted

AREA 3B

AREA 2

SMH  
CL 100-78  
FL 99-98

AREA 3A  
Spray Booths open fronted

22 m

Emergency Exit

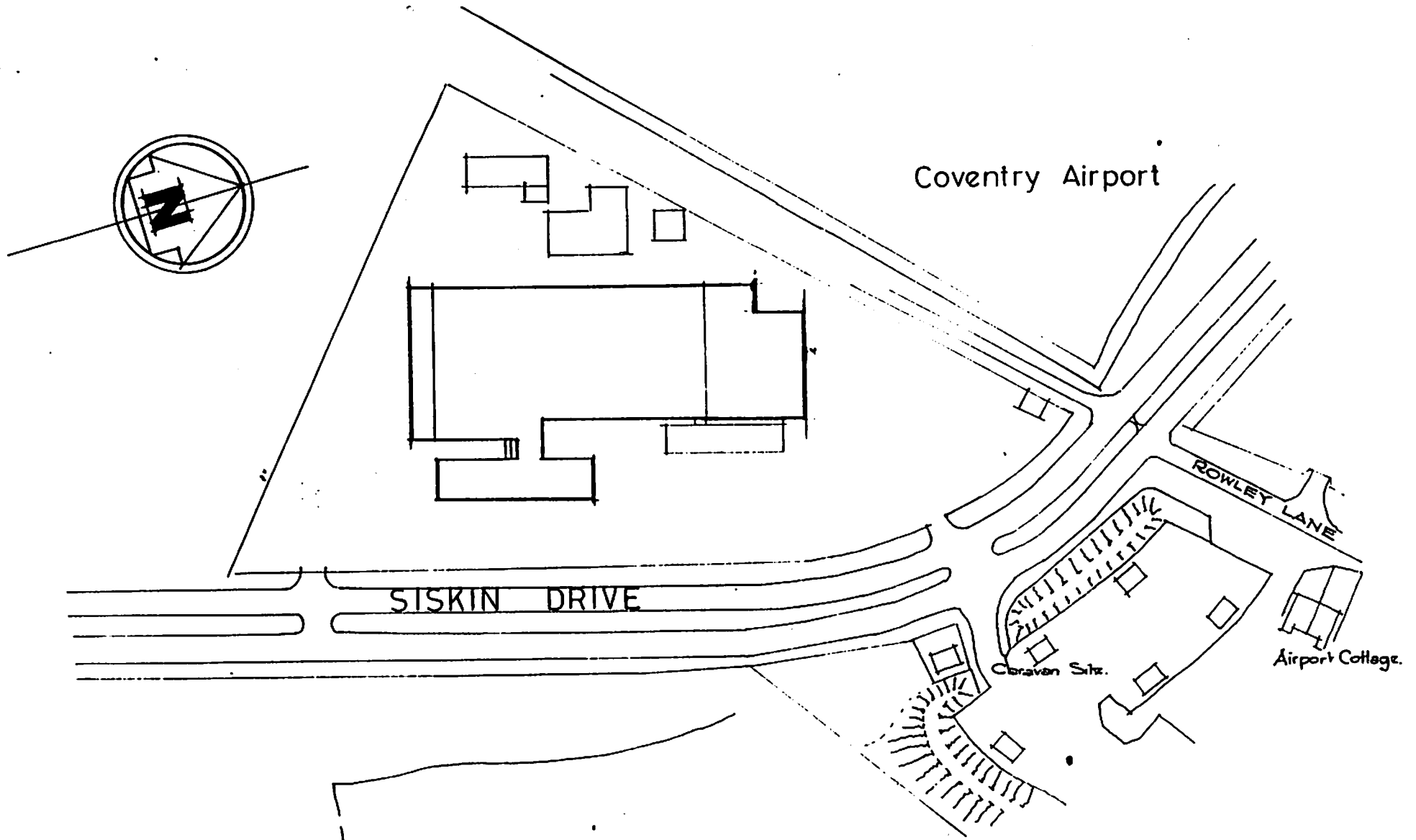
EXISTING PREFABRICATED BUILDING  
(Single storey)

SMH CL 100-86 FL 100-16

SMH CL 100-86 FL 100-16

PROCESS IN RELATION TO SITE DRAWING

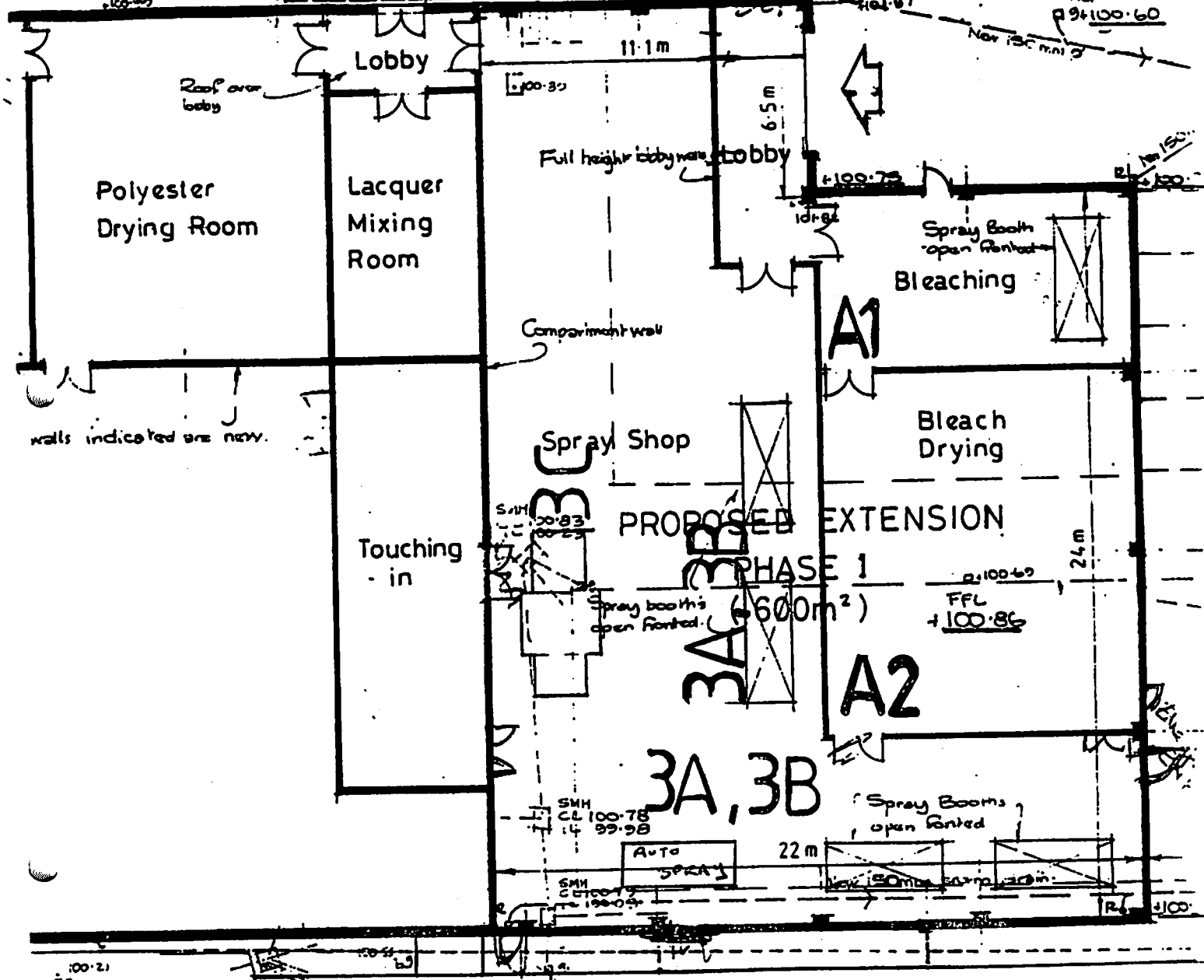
- |    |                                 |               |
|----|---------------------------------|---------------|
| 1. | Bleaching of parts              | Area 1        |
|    | Bleach drying                   | Area 2        |
| 2. | Staining of parts               | Area 3A/3B    |
| 3. | Isolating                       | Area 3A/3B    |
| 4. | Patina lacquer spray stain      | Area 3A/3B    |
| 5. | Lacquering with UPE lux lacquer | Area 3A/3B.3C |



LOCATION PLAN Scale 1:1250

Note: E.F. 30

Older Structure  
Existing door



walls indicated are new.

EXISTING PREFABRICATED BUILDING  
(Single storey)

SCALE 1:200

17/2/95

**Application for Authorisation under the  
Environmental Protection Act 1990  
Marvic Empe Siskin Drive**

Further to the receipt of the above application, which has been deemed to have been duly made, further information, as previously discussed with your Mr Brown is required prior to the issue of the Authorisation.

1 Confirm in writing which coating operations, referenced to the operational areas identified on the submitted plan, use only compliant coatings and demonstrate compliant coating status by stating solid:solvent content from manufacturers data or test results. the information should be related to the make up of the coating at the point of application.

2 For the operation using Votteler sealer (non compliant) state when it is anticipated that substitution with compliant coating will take place or as to when and what abatement technique will be utilised to meet the emission standard in the process guidance note. What monitoring of emissions is to take place prior to substitution with a compliant coating?

3 Update previously supplied information with details of the proposed spray line not included in the original submission including revised factory layout and details of all stack locations. Stack details should be cross referenced to process equipment.

# MARVIC-EMPE LTD

Registered in England Reg. No: 1905434  
BODMIN ROAD, COVENTRY. CV2 5DY  
TEL: 01203 611180 FAX: 01203 616909



BSI Reg. No: FM 25514

Mr D Packard  
Coventry City Council  
Environmental Services Dept  
Broadgate House  
Broadgate  
Coventry  
CV1 1NH

20 April 1995

Dear Mr Packard

RECEIVED BY	REFEER TO
03 MAY 1995	
ENVIRONMENTAL SERVICES DEPT.	

## Environmental Protection Act 1990 Siskin Drive Application

I refer to our application to carry out a prescribed process at Siskin Drive and to your request for further information.

In response to your request I make the following comments:

- 1) All the operations use compliant coatings with the exception of the polyurethane based sealer (30513.0.0000) which is applied in the autosprayline. The enclosed letter from the suppliers for lacquers confirms the interim compliancy.
- 2) At the present time the non-compliant sealer is the only material available to meet the stringent demands of our customers. The letter from the suppliers confirms this point.

The sealer is applied in a closed autosprayline designed to give the optimum abatement by using both a waterwash and a dry filter in the sprayline, without incurring excessive cost. It is however unlikely to meet the emission standard in the guidance note. It is proposed to undertake monitoring of the emissions annually, the results of which will be forwarded to you.

As soon as a suitable replacement material becomes available which gives satisfactory performance we will adopt it. I will keep you informed of developments.



3) I enclose a copy of a plan showing the factory layout and an elevation showing the stack locations.

I trust that you will now be able to issue the authorisation at your earliest convenience.

Yours sincerely



M E Wilson  
Company Secretary

Read with Variation Notice 16/01/01

+15

Your Reference :  
Our Reference :  
Direct Dialling No. :  
Fax No. :  
Date :  
REPLY TO :  
E-mail No. :



**INFORMATION**

**ONLY**

**CITY DEVELOPMENT DIRECTORATE**  
John McGuigan  
Strategic Director (City Development)  
Michael J Green  
Assistant Director, Environmental Services  
Broadgate House  
Broadgate  
Coventry, CV1 1NH

**THE ENVIRONMENTAL PROTECTION ACT 1990**

**The Environmental Protection (Prescribed Processes and Substances) Regulations 1991, SI 472. As Amended**

**The Environmental Protection (Application, Appeals and Registers) Regulations 1991, SI 507.**

**Authorisation No: 072**  
**Application Dated: 26th August 1994**

Notice is hereby given that under the Environmental Protection Act 1990 Coventry City Council (hereafter called the Authority) gives authorisation to:

Novem Car Interior Design Limited  
Siskin Drive  
Coventry  
CV3 4FJ

**Register in England No: 1905434**

For the preparation and coating of veneers as described on Page 2 at:

Novem Car Interior Design Limited  
Siskin Drive  
Coventry

Subject to the conditions specified on the attached pages, Nos 1 to 4, and within the process boundary as indicated on Plan No. 1.

Signed ..... Dated ..... day of ..... 2001  
City Environment Officer



INVESTOR IN PEOPLE

Assistant Director: Projects - Martin Bullock  
Assistant Director: Strategy & Planning - James Russell  
Assistant Director: Environmental Services - Mick Green

# 1. DESCRIPTION OF PROCESS

1.1 This authorisation is for the coating of wood veneers and wood veneer compounds as described in the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, SI472 (as amended), Section 6.5 Part B within the process boundary outlined in red on the attached Plan numbered 1 and specifically relates to the process outlined below.

1.2 The storage of bleaching agents, lacquers, thinners, sealers, cleaning and other coating products containing organic solvents.

*Welded  
containers*

1.3 Deleted.

*What happens when used.*

1.4 The use of acetone in small dip baths. The exhaust system shall be operated when the dip baths are in use. The dip baths shall be emptied when not in use.

**INFORMATION ONLY**

1.5 The staining of parts using Patina lacquer spray stain in open fronted spraybooths in areas 3A and 3B on the attached Plan Number 2.

*alternatives - progress?*

*15 mins*

1.6 The application of polurethane based sealer by hand in open fronted spraybooths in areas 3A and 3B on the attached Plan Numbered 2.

*15 mins*

*No complaint did you move away from?*

1.7 Deleted.

1.8 Lacquering with UPE Lux and wax lacquer in areas 3A, 3B and 3C on Plan 2 in open fronted spraybooths and Venjakob type HGS-Duo 2 automated spray machine with a flash off in between coats in the vented tunnel. The exhaust for the tunnel is used for at least fifteen minutes after use.

*How does this work  
↓  
Drying oven*

1.9 The hand application of stains in the area labelled 'touching in' on the attached plan numbered 2.

1.10 The drying of coated veneer products in the area labelled 'polyester drying room' on the attached plan numbered 2.

*low pollution risk.*

1.11 The curing of UPE Lux lacquered products using the UV line indicated on the attached plan numbered 2.

1.12 The use of "open-pore" lacquer in enclosed, water-backed spraybooths in area A1 on Plan Number 2.

*shd using?*

*15 minutes*

*Replaced with matt lacquer system*

1.13 The use of methylene chloride in lidded dip tanks in the area marked on Plan Number 2. The exhaust system will be operated when the lids are off the tanks.

1.14 The use of acetone in lidded dip tanks in the area marked on Plan Number 2. The exhaust system will be operated when the lids are off the tanks.

1.15 The use of "blotter" in dry-backed, open fronted spray booths in the area marked on Plan Number 2.

*For care of factory.*

*Dipping - Lev for  
Hands reasons.*

*No work*

## NON-ARRESTMENT VOC REDUCTION STRATEGIES

VOC1 Clauses 2.1, 2.2 and 3.6 will not apply in any year where the organic solvent consumption determined from the solvent inventory referenced in Clause 3.5 is less than or equal to the target emission, as set out in Clause 12 of PG 6/33(97).

### 2. EMISSION LIMITS AND CONTROLS

2.1 Only products meeting the compliant coating criteria of Clause 18 of PG6/33(97) as amended in November 1994 shall be used in the coating operations permitted by this authorisation.

2.2 Clause 2.1 shall not apply to the use of polyurethane based sealer (30513.0.0000) as referenced in Clause 1.6, the use of patina stain as referenced in Clause 1.5 or the "open pore" lacquer as referenced in Clause 1.12 until suitable alternative products become available. An appraisal of the availability of suitable alternative products meeting the requirements of Paragraph 2.1 shall be undertaken regularly and at least every twelve months. This Authority shall be informed as to the availability or otherwise of such products on an annual basis until a suitable alternative for these products is put in use.

2.3 Deleted.

2.4 There shall be no emissions of particulate matter noticeable beyond the process boundary.

2.5 All manual spraying shall take place utilising only HVLP spray guns.

2.6 Manual spraying shall only take place into open fronted waterwash or dry backed spraybooths which shall be in operation during any spraying operation.

2.7 Waterwash spraybooths shall be left in operation for at least fifteen minutes following cessation of spraying to extract odorous spray products and reduce the likelihood of fugitive emissions.

2.8 The Venjakob automated spraying operations shall be maintained to give the maximum control of emissions to atmosphere in line with the manufacturer's recommendations for such controls.

2.9 Clause 2.5 will not apply to the application of the patina stain as referenced in Clause 1.5, the "touching-in" as referenced in Clause 1.9 or the "blotting" as referenced in Clause 1.15.

2.10 The following concentrations of emissions to atmosphere shall not be exceeded:

- a) Total particulate matter from the stacks serving the spraybooths 50mg/m<sup>3</sup>

b) Isocyanates from the stack serving the spraybooth 0.1mg/m<sup>3</sup>

2.11 All pollutant concentrations shall be expressed at standard conditions of 273k and 101.3kpa without correction for water vapour content.

### 3. MONITORING SAMPLING AND MEASUREMENT OF EMISSIONS

3.1 Emissions from the spray booths shall be tested for total particulate matter at least once a year to demonstrate compliance with clause 2.10(a) above.

3.2 Emissions from the spray booth shall be tested for isocyanate at least once a year to demonstrate compliance with clause 2.10(b) above.

3.3 At least 7 days before monitoring takes place to demonstrate compliance with clause 2.10 the operator shall notify the Authority of the provisional time and date of monitoring, the pollutants to be tested for and the methods to be used.

3.4 The results of all periodic monitoring and inspections shall be recorded. The results of periodic monitoring shall be retained by the operator for a minimum of 2 years.

3.5 A detailed record shall be kept of all organic solvents used in the prescribed processes. This shall include cleaning solvent usage, diluent solvent usage and solvents contained within coatings used. This inventory shall be forwarded to the local Authority at least once every six months and shall include a determination for the total organic solvent usage for that period.

3.6 The emission of volatile organic compounds from the water-backed spraybooth be monitored on an annual basis, by a method approved by this authority until the use of non compliant coatings cease. The results of monitoring shall be forwarded to this authority within six weeks of the date of the test.

3.7 The Local Authority shall be notified at least fourteen days in advance of any periodic monitoring required in Clause 3.6. This notification shall include the provisional time and date of monitoring, the pollutants to be tested and methods to be used.

3.8 The results of the periodic monitoring required in clauses 3.1 and 3.2 shall be forwarded to the Authority within 8 weeks of the completion of the sampling.

### 4. MATERIALS HANDLING

4.1 The cleaning of spray guns and other equipment shall only be carried out in the water wash spraybooth.

4.2 The mixing of coatings shall only be carried out in the lacquer mixing room.

- 4.3 Spray gun testing, following cleaning shall only be carried out in the spray booths. This shall only be undertaken while the spray booths are in proper working order.
- 4.4 All full, partially full and nominally empty containers which hold or have held materials which contain organic solvents must be tightly lidded during storage.
- 4.5 Clause 4.1 will not apply to the cleaning of the Venjakob spray guns which will be cleaned by the curtained area of the Venjakob machine whilst the extraction system is in operation.
- 4.6 All potentially odorous waste materials shall be stored in suitably enclosed containers and kept in the banded area marked on Plan 2 prior to removal from the site.

## 5. CHIMNEYS, VENTS AND PROCESS EXHAUSTS

- 5.1 Emissions of volatile organic compounds shall take place through the process vents detailed on plan 3 attached to this authorisation.
- 5.2 Process ducts shall discharge at a height no less than 3 metres above roof ridge height.
- 5.3 The efflux velocity from process vents detailed in paragraph 5.1 shall not be less than 15 m/s during normal load operation. However, where wet arrestment is used the linear velocity within the chimney should not exceed 9 m/s to avoid entrainment of droplets from the chimney surface into the gas stream. How
- 5.4 Deleted.
- 5.5 Chimney flues and ductwork should be examined in detail for integrity and cleaned on a 12 monthly basis to prevent accumulation of materials.
- 5.6 Chimneys shall not be fitted with any restriction at the final opening such as plates, caps or cowls.

## 6. GENERAL OPERATIONS

- 6.1 Any mechanical malfunction or spillage of material shall be attended to and remedied as soon as possible. Any incident likely to give rise to atmospheric emissions shall be noted in detail in the process log book.
- 6.2 Any incidents likely to give rise to emissions which may have an impact on neighbouring residents shall be reported immediately to this Authority.
- 6.3 A copy of this authorisation shall be displayed so it can be conveniently read by persons having duties which are or maybe affected by this authorisation.

6.4 The operator shall supply, to this Authority, on demand and without charge, a copy of all or part of the monitoring records kept in accordance with this authorisation.

7. UPGRADING **INFORMATION**

7.1 Deleted.

g/wp/epa/au/072 Auth c

**ONLY**

## SUPPLEMENTARY NOTES

### THESE NOTES ARE NOT PART OF THE AUTHORISATION

1. Your attention is drawn to your obligation under Section 7(2) of the Environmental Protection Act 1990 to ensure that the best available techniques, not entailing excessive cost (BATNEEC) for:
  - A) preventing the release of prescribed substances into the air or where that is not practicable by such means, for reducing the release into the air of such substances to the minimum and for rendering harmless any such substances that are so released
  - and
  - B) for rendering harmless any other substances which might cause harm if released into the air.
2. The authority for contact purposes should be taken to mean the head of the Environmental Protection Section, Tel 7683 1832 during office hours, 7683 2222 outside office hours.



COVENTRY CITY COUNCIL

ENVIRONMENTAL PROTECTION ACT 1990, SECTIONS 8(8), 12

NOTICE OF REVOCATION

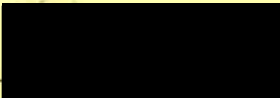
To: Novem Car Interior Design Ltd  
Middlemarch Business Park Ltd  
Siskin Drive  
Coventry  
CV3 4FJ

Coventry City Council ("the Council"), in exercise of the powers conferred on it by section 8(8), 12 of the Environmental Protection Act ("the Act"), hereby gives you notice as follows:

*(for section 12(1) notices)*

1. The authorisation reference **072** is hereby revoked with effect from **26 AUG 2002**

Signed on behalf of Coventry City Council

  
.....  
Assistant Director, Environmental Services  
The officer appointed for that purpose

Date: **29 JUL 2002**

COVENTRY CITY COUNCIL  
ENVIRONMENTAL PROTECTION & LOCAL SERVICES DEPARTMENT  
NOTICE OF DELIVERY

Environment & Local Services  
Coventry City Council  
City Centre  
CV1 1JL

CERTIFICATE OF SERVICE BY POST

I, [REDACTED] Clerk of Council Assistant  
employed by Coventry City Council, hereby certify  
that I served Mr Mark E Wilson with a  
true copy of this notice by the recorded delivery  
service provided by me at the Post Office situated at  
[REDACTED] Coventry at 4.30 on  
30th July 2002 and addressed  
to Novem Car Interior Design Ltd, Middle March  
being his/her last known residence/the company's  
registered office/ place of business  
Dated the 30th July day of July 2002  
Signed: [REDACTED]

Business Park,  
4 Siskin Drive, Coventry  
CV4 9XG

COVENTRY JUL 2002