



10 April 1997

Our Ref: TM/GRB

Ms Rachel King
Housing & Environmental
Services Directorate
Broadgate House
Broadgate
COVENTRY
CV1 1NH

Tom Marsden
Site services Manager
Brindle Avenue
New Century Park
COVENTRY
CV3 1JG

Tele 01203 562899

Dear Rachel

With reference to our powder coating process, nothing is emitted to the atmosphere. Paint particulate is sucked from the bottom of the booth and passes through the Cyclone, where it falls down into a container to be recycled. The air is passed through the "Downflo" dust collector, where it is filtered and passed back in the workplace atmosphere.

Each ducting extending through the roof contains two explosion panels which effectively seal it off. Only in the event of an explosion within a duct would these panels blow out and relieve the force within to the external atmosphere.

I am enclosing a copy of the "Downflo" Dust Collector working principle for your files.

All vents throughout the phosphate and powder coating facilities have now had the caps removed and accelerator cones and Swedish cowls fitted.

Should you require any further information Rachel, do not hesitate to contact me on the above telephone number.

Your Sincerely

A handwritten signature in blue ink that reads "T. Marsden".

TOM MARSDEN
Site Service Manager

1. INTRODUCTION

The function of Torit "Downflo" dustcollectors is the collection of dust from dust contaminated air streams. The collectors are suitable for continuous use, both in exhaust installations to prevent pollution of outside air, and in production processes.

The filter elements - cartridges - are automatically and sequentially cleaned by putting pairs of elements temporarily out of action while the others remain in operation. The diameter of the elements is ϕ 324 and their length 660 mm.

Elements are installed end to end in pairs, in a slightly downward direction.

The cleaning cycle is adapted to each individual case to the type and volume of dust to be dealt with.

2. WORKING PRINCIPLE

During normal operation, air enters the "Downflo" dustcollector through the top inlet and passes through the filter elements. Dust is collected on the outside surfaces of the elements, and the resulting clean air flows through the centre of the elements into the clean air plenum, where it exits through the clean air outlet. During filter element cleaning, the electronic control panel automatically selects the pair of elements to be cleaned and activates a solenoid valve which opens an air diaphragm valve. High pressure air pulses are sent directly into the centre of the selected element. The dust is swept downward into the hopper by the prevailing airflow and by gravity.

REMARK : an inlet in each module is strongly recommended to optimize the "Downflo's" performance!

FIG. 2A NORMAL OPERATION

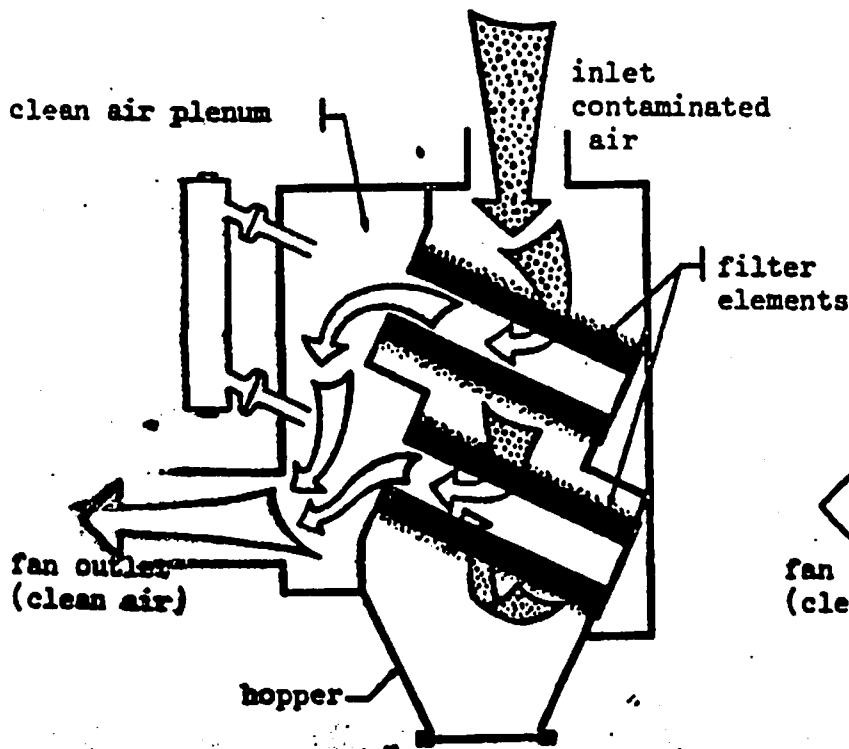
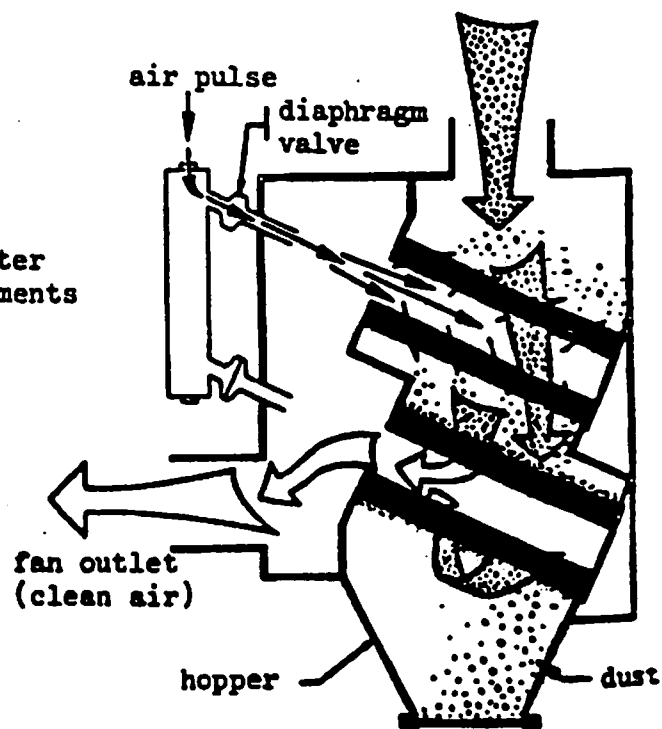


FIG. 2B CLEANING OF THE ELEMENTS



077



JJ/sh

28th April 1995

Miss. K. Knight
Environmental Health Officer
Broadgate House
Broadgate
Coventry
CV1 1NH

Dear Miss. Knight,

I enclose a copy of our notice of application to operate a powder paint process at our New Century Park Plant.

the advert will commence on Saturday 29th April 1995 in the Coventry Evening Telegraph.

I hope that I have interpreted your letter correctly and would like to thank you for your help in this matter.

Yours sincerely,

A handwritten signature in cursive script that reads "J. James".

J.JAMES

ENVIRONMENTAL PROTECTION ACT 1990 - PART 1

NOTIFICATION OF APPLICATION UNDER SECTION 6

.....RAINBOW GROUP.....[name of applicant]

has applied for authorisation from Coventry City Council to operate

.....A PAWDEE PAINT PROCESS (UNDER THE ENVIRONMENTAL REGULATIONS ACT 1991).....[description of process]

atNEW CENTURY PARK, BRINDLE AVENUE.....

.....CALVERTY, CV3 1JG.....

[name and address of premises where process will be carried on]

A copy of this application is available for public inspection, free of charge, during office hours at Coventry City Council Environmental Services Department Broadgate House Broadgate COVENTRY CV1 1NH

Written representations about this application may be sent to the Environmental Services Department, at the above address.

within 28 days of 29th APRIL 1995 [date of advertisement]

Description of Process

The process involves the application of dry powder paint, to panels, doors, sub-assemblies for the assembly of telecommunication racks for the communications industry including Nokia, GPT and Motorola.

The process is situated in our specially designed Paint Shop area and consists of 6 cleaning and treatment stages, two direct gas fired curing and drying ovens and two off throid powder coating booths.

Services Required

1. Natural Gas	28 therms per hour
2. Saturated Steam	44 therms per hour @ 60 PSI
3. Water	540 gallons per hour @ 40 PSI
4. Compressed Air	140 cubic feet per minute @ 80 PSI
5. Electricity	400-440 volts - 3 phase - 50HZ

Pre-treatment

The purpose of this part of the process is to clean and prepare the panels for powder coating:

Stage 1 - Cleaner

Zone length:	2750 mm
Time in zone:	1½ minutes
Pump rating:	210 GPM
Heating rating:	1,200,000 B.T. US per hour
Tank capacity:	1000 gallons
No of jets:	110 @ 2.1 GPM @ 15 PSI

Stage 2 - Cold Rinse

Zone length:	900mm
Time in Zone:	30 seconds
Pump rating:	92 GPM
Tank capacity:	400 gallons
No of jets:	44 @ 2.1GPM @ 15 PSI

Stage 3 - Cold Rinse

Zone length: 900mm
Time in zone: 30 seconds
Pump rating: 92 GPM
Tank capacity: 400 gallons
No. of jets: 44 @ 2.1 GPM @ 15 PSI

Stage 4 - Zinc - Phosphate

Zone length: 3670mm
Time in zone: 2 minutes
Pump rating: 451 GPM
Spray pressure: 10 PSI
No of jets: 143 @ 3.2 GPM
Tank construction: 316 Stainless Steel

Stage 5 - Zinc Phosphate Pre-treatment

Zone length: 900mm
Time in Zone: 30 seconds
Pump rating: 92 GPM
Spray pressure: 20 PSI
Tank capacity: 400 gallons
No of jets: 44 @ 2.1 GPM

Stage 6 - Hot Passivate Rinse

Zone length: 900mm
Time in zone: 30 seconds
Pump rating: 92 GPM
Spray Pressure: 20 PSI
Running Consumption: 500,000 BTU's per hour
Tank capacity: 700 gallons
Jet rating: 44 off @ 2.1 GPM

Direct gas fired Tunnel Dry-off Oven

11.000mm long x 1500mm wide x 4300mm high
Length of zone: 9.15 metres
Time in heated zone: 5 minutes
Max burner rating: 4 therms per hour @ 150°C
Circulating Fan: 8500 CFM
Exhaust Fans: 2 off x 2000 CFM
Maximum Working temp.: 250°C

Powder Coating Booths

We have two off thoid powder coating booths. Although only one is operational at any one time.

Booth dimensions 3500mm high x 1500mm wide x 4500mm long.

Silhouette openings 1600mm high x 962mm wide

Manual Spray Openings 1400mm high x 760mm wide

Copper brushes are fitted along the top of the booth ,local to the conveyor slot to reduce powder escape, and this also acts as a conductivity strip.

A thoid high performance single pod cyclone is provided having a throughput of 4500 CFM. The cyclone operates by generating within itself.

127.35 ~~lpm~~ m³/min

A high velocity vortex of particle laden air acts as a centrifugal force which hurls the denser particles towards the cyclone walls where they spiral down into a collector system; the lighter and, by now, relatively particle free air is then exhausted from the cyclone to the cartridge filter unit.

An explosion relief panel is fitted into the top of the volute to relieve any pressure build-up in the system. The area of this panel is in the ratio of 2m² to every 4.5m² as laid down by the Health and Safety Executive.

The Cartridge Filter Unit comprises of ultra web cartridges providing an air ratio of 2.2: 1 and is periodically cleaned by a reverse air jet system automatically pulsed. The cartridge filter is provided with an explosion relief panel.

The exact fan is on the clean side of the cartridge filter and is flat bladed centrifugal type rating 5000 CFM.

Electrostatic Equipment

6 automatic powder coating guns mounted on electronic reciprocators

2 manual guns for reinforcement

3 virgin powder hoppers 200 kg each

3 fluidised beds 200kg each

Direct gas fired Curing Oven

16545mm long x 4000mm high x 4000mm wide
Burner running consumption 3 therms per hour @ 180°C
Circulating Fan: 23,000 CFM
Exhaust Fans: 2 x 200 CFM

Explosion panels are fitted in the roof, except small lengths where internal equipment is in the way.

Type of Fans

Circulating Fan - Centrifugal type - direct drive
Exhaust Fans - bifoliated type - direct drive

Temperature Control

A 24 hour circular chart potentiometric recorder controller, records round the clock process conditions, which is linked to an audible alarm for high or low temperature conditions.

Overhead Monorail Conveyor

164 metres long with a maximum load of 50 K.G. per point and has a spring loaded tension unit.

The conveyor is fitted with a variable speed drive allowing drive speeds of 0.3 metres per minute.

Sample		D1		D5 Gloss (60°)	E1 Bend (10mm) Type 1	E2 Scratch	E3 Impact (1.25)	E6 Cross Cut	F5 Light Fastness Xenon Arc
Colour	Substrate	Colour Filament Lighting	Colour Artificial Daylight						
<u>Carrs</u> Goosewing (00 A 05)	Aluminium	S	S	52 - 53%	S	3.0Kg	S	S	No. 7
	Phosphated Mild Steel	S	S	89 - 91%	S	3.0Kg	S	S	No. 7
	Zintec	S	S	90 - 92%	S	2.5Kg	S	S	No. 7
Dolphin Blue (18 C 35)	A	S	S	82 - 86%	S	3.0Kg	S	S	No. 7
	FMS	S	S	84 - 86%	S	2.5Kg	S	S	No. 7
	Z	S	S	84 - 87%	S	2.5Kg	S	S	No. 7
Vellum Textured (10 B 17)	A	Off shade	S	4.6 - 6.5%	S	3.0Kg	S	S	No. 7
	FMS	Off shade	S	3.5 - 4.5%	S	3.0Kg	S	S	No. 7
	Z	Off shade	S	4.6 - 5.8%	S	2.5Kg	S	S	No. 7
<u>Postans</u> Goosewing (00 A 05)	A	S	S	84 - 86%	S	5.0Kg	S	S	No. 6
	FMS	S	S	76 - 82%	S	4.0Kg	S	S	No. 6
	Z	S	S	82 - 84%	S	5.0Kg	S	S	No. 6
Dolphin Blue (18 C 35)	A	Off shade	S	85 - 86%	S	3.0Kg	S	S	No. 6
	FMS	Off shade	S	75 - 78%	S	3.0Kg	S	S	No. 6
	Z	Off shade	S	76 - 78%	S	3.5Kg	S	S	No. 6
Sandstone Textured (08 B 17)	A	S	S	4.0 - 4.5%	Slight Cracking	2.5Kg	S	S	No. 6
	FMS	S	S	4.0 - 4.5%	Slight Cracking	2.5Kg	S	S	No. 6
	Z	S	S	3.8 - 4.5%	S	2.5Kg	S	S	No. 6

S = Satisfactory

Your reference :
Reference :
Please ask for :
Direct Dialling No :
Date :



HOUSING AND ENVIRONMENTAL
SERVICES DIRECTORATE

Director Howard T. Farrand
Providing Housing, Environmental and
Client Agency Services

Michael J. Green
City Environment Officer
Broadgate House
Broadgate
Coventry, CV1 1NH

Telephone : 01203 83 1832/34
Telecom Gold Mailbox : 76 : END042
Fax : 01203 83 1831

THE ENVIRONMENTAL PROTECTION ACT 1990

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

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

Authorisation No: 077
Application Received: May 1995

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

**Rainford Group
Brindle Avenue
New Century Park
Coventry
CV3 1JG**

Register in England No:

For the degreasing and powder coating of metal components as described on Page 2 at:

**Rainford Group
Brindle Avenue
New Century Park
Coventry
CV3 1JG**

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

Signed  Dated 14 day of JUNE 1996
City Environment Officer

1. DESCRIPTION OF PROCESS

- 1.1 This authorisation is for the degreasing and powder coating of metal components, as described in the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, SI472, Section 6.5 Part B paragraph (b) within the process boundary outlined in red on the attached Plans numbered 01 and 02 and specifically relates to the processes outlined below.
- 1.2 The delivery and storage of dry powder paint to the paint stores shown on plan numbered 01, and pyrene to the pyrene stores shown on plan numbered 01.
- 1.3 The degreasing of metal components with Pyrene by spray application and subsequent cold water rinsing and oven drying of metal components.
- 1.4 The electrostatic coating of metal products with dry powder paint in the two Thorid powder coating booths and the subsequent oven curing in the direct gas fired airing oven.
- 1.5 Any change to the above descriptions must not take place without the prior consent from this authority.

2. EMISSION LIMITS AND CONTROLS

- 2.1 All emissions to air from the cyclone discharge stacks, marked as A and B on plans numbered 01 and 02, shall be free from offensive odour outside the process boundary, as perceived by the Local Authority Inspector.
- 2.2 Total particulate emissions from the cyclone discharge stacks marked as A and B on plans numbered 01 and 02 shall not exceed $10\text{mg}/\text{m}^3$.
- 2.3 The introduction of dilution air to achieve emission concentration limits is not permitted.

3. MONITORING SAMPLING AND MEASUREMENT OF EMISSIONS

- 3.1 The performance of the cyclone and filter extraction system for the Thorid spray booths shall be continually monitored using pressure drop indicators. In the event of cyclone or cartridge filter system failure, the powder coating process shall automatically cease until the cause of failure has been identified and remedied.
- 3.2 Emissions from the cyclone discharge stacks marked as A and B on plans numbered 01 and 02 shall be tested for particulate matter once per year.
- 3.3 The Local Authority shall be notified at least 14 days in advance of any periodic monitoring to determine compliance with Clause 2.2. This notification shall include the provisional time and date of monitoring, the pollutants to be tested and methods to be used.
- 3.4 Periodic monitoring in Clause 3.3 shall not take place without prior written approval from this Local Authority.
- 3.5 The results of periodic emissions testing shall be forwarded to the Local Authority within 8 weeks of completion of the monitoring.
- 3.6 The Local Authority shall be notified by facsimile or letter within seven working days where:

- a. any emission measurement exceeds the concentration limit specified in clause 2.2.
 - b. The pressure drop indicators monitoring the cyclone and filter system indicates a malfunction in the equipment.
- 3.7 The Local Authority shall be notified as soon as possible by telephone where the emission concentration is identified as more than twice the specified concentration limit in clause 2.2.
 - 3.8 Visual and olfactory assessments of emissions from the process shall be made at least once per day around the perimeter of the process boundary, where accessible, during operation.
 - 3.8.1 Visual and olfactory assessments of emissions shall be undertaken immediately following the overhaul, cleaning or replacement of the spraybooths, cyclones or cartridge filter units.
 - 3.9 The results of monitoring to comply with 3.8 and 3.8.1 shall be recorded in a log book. This shall include the date, time, wind direction, the name of the observer and an assessment of the emissions. This log book shall be retained, on site, for a minimum of two years.
 - 3.10 Any adverse results from the monitoring required in 3.8 and 3.8.1 shall be followed up immediately by the investigation of the cause of the emission and the necessary remedial action. Both the adverse results of monitoring and the remedial action taken shall be recorded in the log book.
4. **MATERIALS HANDLING**
 - 4.1 All full, empty and nominally empty containers of powder coating materials shall be kept tightly lidded or sealed to prevent escape of particulate matter.
 - 4.2 Other waste materials likely to contain particulate matter such as spent cartridge filters shall be stored in sealed or lidded containers whilst awaiting disposal.
 - 4.3 Spray gun cleaning and testing shall only be carried out in the Thorid spray booths and only be undertaken while the Thorid spray booths are in proper working order.
 - 4.4 Spraying shall only be carried out in the Thorid spraybooths and these must be in proper working order.
 - 4.5 The Thorid spray booths shall only be cleaned whilst the extraction system, cyclone unit and cartridge filter unit and in proper working order are in operation.
 - 4.6 All spillages shall be cleared as soon as is possible.
 - 4.7 Spillages of powder coating materials shall be cleared using a vacuum cleaner.
 - 4.8 Incidences of spillage likely to give rise to significant fugitive emissions shall be recorded in the log book outlined in clause 3.9.

5. CHIMNEYS, VENTS AND PROCESS EXHAUSTS

- 5.1 Emissions from the two Thorid powder coating booths shall only be emitted to atmosphere via the cyclone and cartridge filter unit.
- 5.2 The cyclone discharge stacks marked as A and B on plans numbered 01 and 02 shall not be fitted with any restriction at the final opening, such as a cap or cowl.

6. GENERAL OPERATIONS

- 6.1 Any malfunction or breakdown of the Thorid spraybooths, cyclone or cartridge filter unit leading to abnormal emissions shall be dealt with as soon as is possible and process operations shall be adjusted until the malfunction or breakdown has been remedied. Any such malfunction or breakdown shall be recorded in the log book.
- 6.2 Essential spares and consumables such as cartridge filters shall be held on site or be available within 24 hours from suppliers in order to rectify breakdowns as soon as is possible.
- 6.3 Any incidents likely to give rise to emissions which may have an impact on neighbouring residents shall be reported immediately to this Authority.
- 6.4 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.
- 6.5 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.

epa/rainfordRK

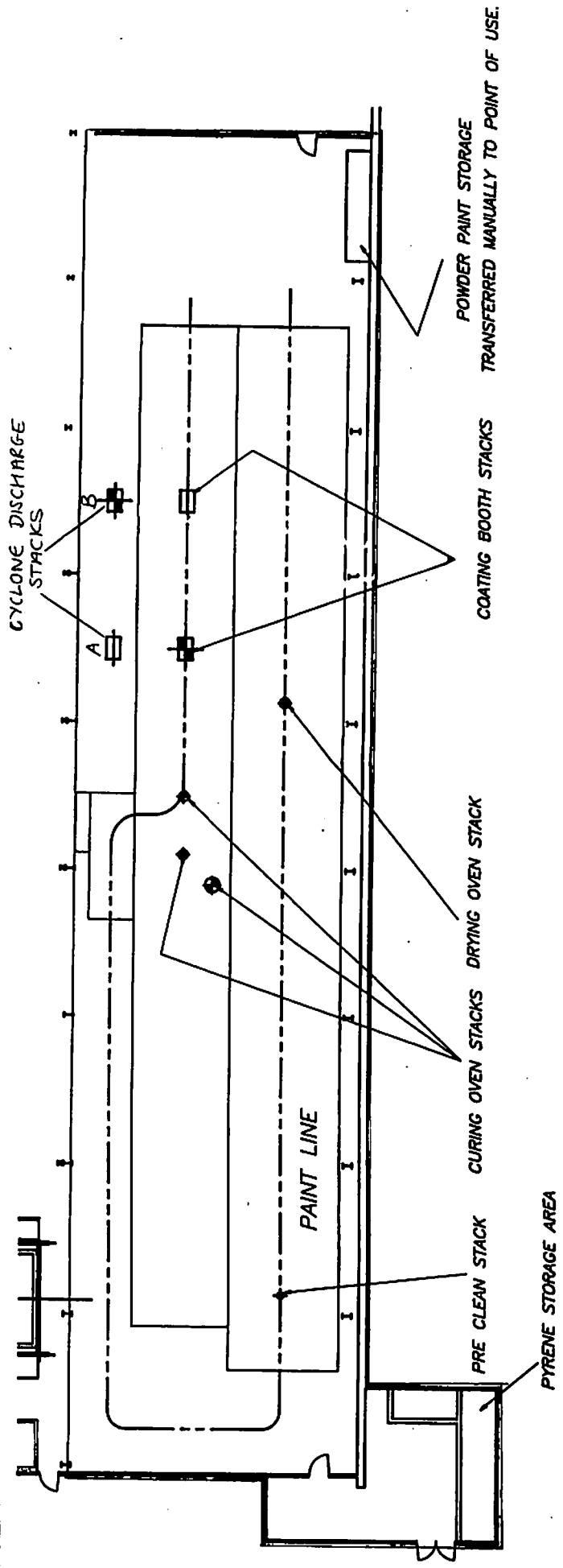
SUPPLEMENTARY NOTES

THESE NOTES ARE NOT PART OF THE AUTHORISATION

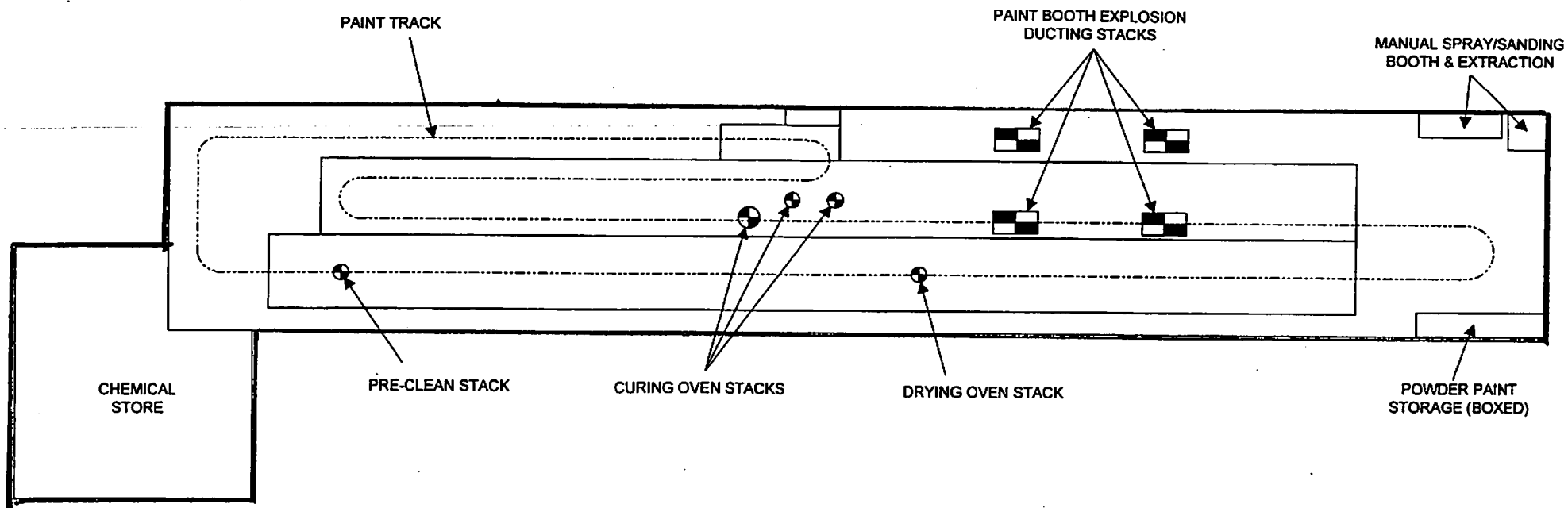
1. Your attention is drawn to your obligation under Section 7(2) of the Environmental Protection Act 1990 to ensure that the best available techniques, not entailing excessive cost (BATNEEC) for:
 - A) preventing the release of prescribed substances into the air or where that is not practicable by such 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. 831834 during office hours, 832222 outside office hours.
3. Particulate emission sampling shall be carried out according to the procedural requirements of British Standard BS3405:1983 - the reference test method for particulate matter emissions in chimneys or ducts.

epa/rainfordRK

RAINFORD GROUP
AUTHORISATION NO: 77
PLAN 01



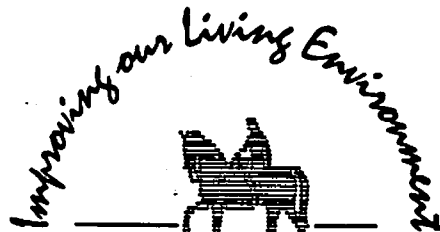
**VIASYSTEMS EMS – UK LIMITED
POWDER PAINT PLANT
AUTHORISATION NUMBER 77 (COVENTRY CITY COUNCIL)**



*Revised Plan 02
(with variation notice
dated 31st January 2001)*

FILE

Your reference :
Our Reference :
Please ask for :
Direct Dialling No :
Date :



City of
Coventry

HOUSING AND ENVIRONMENTAL
SERVICES DIRECTORATE

Director Howard T. Farrand
Providing Housing, Environmental and
Client Agency Services

Michael J. Green
City Environment Officer
Broadgate House
Broadgate
Coventry, CV1 1NH

Telephone : 01203 83 1832/34
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THE ENVIRONMENTAL PROTECTION ACT 1990

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

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

**Authorisation No: 077
Application Received: May 1995**

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

**Reltec
Uxbridge Avenue
New Century Park
Coventry
CV3 1RR**

Register in England No: 02701593

For the degreasing and powder coating of metal components as described on Page 2 at:

**Reltec
Uxbridge Avenue
New Century Park
Coventry
CV3 1RR**

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

Signed  Dated 22nd day of October 1997...

City Environment Officer

1. DESCRIPTION OF PROCESS

- 1.1 This authorisation is for the degreasing and powder coating of metal components, as described in the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, SI472, Section 6.5 Part B paragraph (b) within the process boundary outlined in red on the attached Plans numbered 01 and 02 and specifically relates to the processes outlined below.
- 1.2 The delivery and storage of dry powder paint to the paint stores shown on plan numbered 01, and pyrene to the pyrene stores shown on plan numbered 01.
- 1.3 The degreasing of metal components with Pyrene by spray application and subsequent cold water rinsing and oven drying of metal components. ✓
- 1.4 The electrostatic coating of metal products with dry powder paint in the two Thorid powder coating booths and the subsequent oven curing in the direct gas fired airing oven.
- 1.5 The sanding of coated metal components using a hand-held sanding machine. *- minor jobs now.*
- 1.6 Any change to the above descriptions must not take place without the prior consent from this authority.

2. EMISSION LIMITS AND CONTROLS

- 2.1 Emissions from the Thorid powder coating booths shall not be emitted to atmosphere but directed through the cyclone and filter system and into the workplace.

3. MONITORING SAMPLING AND MEASUREMENT OF EMISSIONS

- 3.1 The performance of the cyclone and filter extraction system for the Thorid spray booths shall be continually monitored using pressure drop indicators. In the event of cyclone or cartridge filter system failure, the powder coating process shall automatically cease until the cause of failure has been identified and remedied.

4. MATERIALS HANDLING

- 4.1 All full, empty and nominally empty containers of powder coating materials shall be kept tightly lidded or sealed to prevent escape of particulate matter.
- 4.2 Other waste materials likely to contain particulate matter such as spent cartridge filters shall be stored in sealed or lidded containers whilst awaiting disposal. ✓
- 4.3 Spray gun cleaning and testing shall only be carried out in the Thorid spray booths and only be undertaken while the Thorid spray booths are in proper working order. ✓
- 4.4 Spraying shall only be carried out in the Thorid spraybooths and these must be in proper working order. ✓
- 4.5 The Thorid spray booths shall only be cleaned whilst the extraction system, cyclone unit and cartridge filter unit and in proper working order are in operation.

not auto team leader checks dial - not recorded -

FILE

- 4.5.1 The sanding of coated metal components using the hand-held sanding machine shall only take place whilst the dust extraction unit is in proper working order.
- 4.6 All spillages shall be cleared as soon as is possible. *not in area*
- 4.7 Spillages of powder coating materials shall be cleared using a vacuum cleaner.
- 4.8 Incidences of spillage likely to give rise to significant fugitive emissions shall be recorded in a log book detailing the date, and time the spillage occurred, and the remedial action taken.

6 GENERAL OPERATIONS

- 6.1 Any malfunction or breakdown of the Thorid spraybooths, cyclone or cartridge filter unit leading to abnormal emissions, shall be dealt with as soon as is possible and process operations shall be adjusted until the malfunction or breakdown has been remedied. Any such malfunction or breakdown shall be recorded in the log book.
- 6.2 Essential spares and consumables such as cartridge filters shall be held on site or be available within 24 hours from suppliers in order to rectify breakdowns as soon as is possible.
- 6.3 Any incidents likely to give rise to emissions which may have an impact on the local community or the environment shall be reported immediately to this Authority.
- 6.4 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.
- 6.5 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.

epa/reltec.RK

FILE

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. 831834 during office hours, 832222 outside office hours.

epa/relec.RK



NOTICE OF VARIATION OF AUTHORISATION

To Via Systems EMS – UK Limited

Of Uxbridge Avenue, New Century Park, Coventry, CV3 1RR

The Coventry City Council

(the Authority) has decided that the authorisation to carry out a prescribed process, namely:

the powder coating of metal components

at the premises known as Via Systems EMS – UK Limited, Uxbridge Avenue, New Century Park, Coventry, CV3 1RR

granted to you by the Council on the 14th day of June 1996 under the reference number 077 should be varied in the following manner*

1. In existing clause 1.1 after the words 'attached plans numbered 01 and', insert the words 'revised plan numbered'.

2. After existing clause 1.4, insert new clause 1.5.

'1.5 The spraying of metal components and subsequent sanding of finished components in the Mindon manual spray booth.'

3. After existing clause 2.1, insert new clause 2.1.1.

'2.1.1 Emissions from the spraying and sanding of components in the Mindon manual spray booth shall not be emitted to atmosphere, but directed through the cartridge filter unit and into the workplace.'

(PLEASE SEE ATTACHED)

The date on which the variation is to take effect shall be †

- | | | |
|----------------|-----------------|-----------------|
| 1. Immediately | 6. Immediately | 11. Immediately |
| 2. Immediately | 7. Immediately | |
| 3. Immediately | 8. Immediately | |
| 4. Immediately | 9. Immediately | |
| 5. Immediately | 10. Immediately | |

continued overleaf

Delete any words in square brackets which do not apply

* Specify the variation(s) to the authorisation.

† Specify the effective dates for each variation.

4. In existing clause 2.2 after the words 'Thorid powder coating booths', insert the words 'and the Mindon manual spray booth'.
5. In existing clause 3.1 after the words 'Thorid spray booths', insert the words 'and Mindon manual spray booth.'
6. After existing clause 3.2, insert new clause 3.2.1.

'3.2.1 The differential pressure gauge of the Mindon manual spray booth shall be inspected at least once per week whilst the booth is operating to ensure correct functioning of the explosion panels or membranes and the cartridge filter system. The visual inspection shall be recorded in the process log book detailing the date and time the inspection was made, the pressure reading on the gauge and the name of the person undertaking the inspection. Where a fault is noted, spraying or sanding shall cease until the reason for the fault has been identified and remedied. Any remedial action taken and details of the fault shall be recorded in the process log book.'

7. In existing clause 3.3 after the words 'Thorid spray booths', insert the words 'and Mindon manual spray booth.'
8. In existing clause 4.3 after the words 'shall only be carried out in the' delete the word 'Thorid' and after the words 'only be undertaken while the' delete the word 'Thorid'.
9. In existing clause 4.4 after the words 'shall only be carried out in the' delete the word 'Thorid' and after the words 'shall only be undertaken whilst the' delete the word 'Thorid'.
10. In existing clause 4.5, delete the word 'Thorid'.
11. In existing clause 5.1, delete the word 'Thorid'.

YOU ARE REQUIRED, within a period of 28 days from the date of service on you of this Notice, to notify the Authority of the action (if any) which you propose to take to ensure that the process is carried on in accordance with the authorisation as varied by this Notice.

Dated 3rd January 2001



(Signed).....

(Designation) Assistant Director
(the Officer appointed for this purpose)

Address for all communications:

City Development Directorate
Environmental Services
Broadgate House
Broadgate
COVENTRY
CV1 1NH

CERTIFICATE OF SERVICE BY POST

(Magistrates Courts Rules 1996) Rule 55(2)

I, C. Connelly a Clerical Assistant employed by Coventry City Council, do hereby certify that I served The Company Secretary a true copy of this Notice, at the above address by service by post on the Post Office on 3/1/01 at 4.10 X PM on 3/1/01 and addressed to Via Systems UK Ltd, Uxbridge Ave, Newbury PL being his/her/their known residence/the company's Coventry registered office/place of business CV3 1RR
Dated the 3rd day of January
Signed: C. Connelly

Delete any words in square brackets which do not apply

NOTE

You have a right of appeal against this Notice to the Planning Inspectorate. If you wish to appeal you must do so in writing within a period of two months beginning with the date of this Notice. You must set out the grounds for your appeal and send to the Planning Inspectorate a copy of this Notice, together with copies of all relevant documents and correspondence. You should also indicate whether you wish the appeal to be dealt with at a hearing or on the basis of written representations. A copy of your Notice of Appeal must also be sent to the Council.

** "Substantial change" is defined in Section 10(7) of the Environmental Protection Act 1990 as "a substantial change in the substances released from the process or in the amount or any other characteristic of any substance so released"; and the Secretary of State may give directions to enforcing authorities as to what does or does not constitute a substantial change in relation to processes generally, any description of process or any particular process.

NOTICE OF VARIATION OF AUTHORISATION

To **The Company Secretary**

Of **Reltec UK Ltd, Uxbridge Avenue, New Century Park, Coventry, CV3 1RR**

The Coventry City Council

(the Authority) has decided that the authorisation to carry out a prescribed process, namely:

the degreasing and powder coating of metal components

at the premises known as **Reltec UK Ltd, Uxbridge Avenue, New Century Park, Coventry, CV3 1RR**

granted to you by the Council on the 14th day of June 1996 under the reference number 077 should be varied in the following manner*

1. Delete existing clause 1.5
2. After existing clause 3.2 insert new clause 3.3:
"3.3 The differential pressure gauges serving the Thorid spray booths shall be calibrated at least once in every 12 month period to ensure correct functioning. Such inspections including faults noted and remedial action taken shall be recorded and these records retained on site for a minimum of 2 years".
3. Delete existing clause 4.5.1
4. In existing clause 6.2 delete "24 hours" and insert "48 hours".

(PLEASE SEE ATTACHED)

The date(s) on which the variation(s) are to take effect are†

1. Immediately
2. Immediately
3. Immediately
4. Immediately

continued overleaf

Delete any words in square brackets which do not apply

* Specify the variation(s) to the authorisation.

† Specify the effective dates for each variation.

YOU ARE REQUIRED, within a period of 28 days from the date of service on you of this Notice, to notify the Authority of the action (if any) which you propose to take to ensure that the process is carried on in accordance with the authorisation as varied by this Notice.

~~[In the opinion of the Authority, the action to be taken by you in consequence of this Variation Notice will involve a substantial change** in the manner in which the process is being carried on.]~~

Dated

7th May 1999

(Signed) 

(Designation).....

DIRECTOR

(the Officer appointed for this purpose)

Address for all communications:

Housing and Environmental Services Directorate
Broadgate House
Broadgate
COVENTRY
CV1 1NH

CERTIFICATE OF SERVICE BY POST
(Registration Court Rules 1988)

J. BECK

Clerical Assistant
Council, hereby
MR. J. JAMES

4.00 7-5-99
and addressed to RELTEC UK LTD
being his/her last known residence/
company's registered office/place of business.
Dated the 7th day of MAY 1999

Delete any words in square brackets which do not apply

NOTE

Signed J. Beck

You have a right of appeal against this Notice to the Planning Inspectorate. If you wish to appeal you must do so in writing within a period of two months beginning with the date of this Notice. You must set out the grounds for your appeal and send to the Planning Inspectorate a copy of this Notice, together with copies of all relevant documents and correspondence. You should also indicate whether you wish the appeal to be dealt with at a hearing or on the basis of written representations. A copy of your Notice of Appeal must also be sent to the Council.

** "Substantial change" is defined in Section 10(7) of the Environmental Protection Act 1990 as "a substantial change in the substances released from the process or in the amount or any other characteristic of any substance so released"; and the Secretary of State may give directions to enforcing authorities as to what does or does not constitute a substantial change in relation to processes generally, any description of process or any particular process.

NOTICE OF VARIATION OF AUTHORISATION

To **The Company Secretary**

Of **Reltec UK Ltd, Uxbridge Avenue, New Century Park, Coventry, CV3 1RR**

The **Coventry City Council**

(the Authority) has decided that the authorisation to carry out a prescribed process, namely:

the degreasing and powder coating of metal components

at the premises known as **Reltec UK Ltd, Uxbridge Avenue, New Century Park, Coventry, CV3 1RR**

granted to you by the Council on the **14** day of **June 1996** under the reference number **077** should be varied in the following manner*

1. After existing clause 2.1 insert new clause 2.2

"2.2 The explosion panels or membranes on the Thorid powder coating booths shall be inspected for wear, damage and correct functioning once in every 3 month period. Any faults noted shall be remedied as soon as is possible. The inspection and any faults noted, including remedial action taken, shall be recorded in the process log book."

(PLEASE SEE ATTACHED)

The date(s) on which the variation(s) are to take effect are†

- | | |
|----------------|----------------|
| 1. Immediately | 5. Immediately |
| 2. Immediately | 6. Immediately |
| 3. Immediately | 7. Immediately |
| 4. Immediately | |

continued overleaf

Delete any words in square brackets which do not apply

* Specify the variation(s) to the authorisation.

† Specify the effective dates for each variation.

2. In existing clause 3.1 after 'monitored using' delete 'pressure drop indicators. In the event of cyclone or cartridge filter system failure, the powder coating process shall automatically cease until the cause of the failure has been identified and remedied' and insert 'differential pressure gauges'.
3. After clause 3.1, insert new clause 3.2
"3.2 The differential pressure gauges shall be visually inspected at least once per day whilst the Thorid spray booths are operating, to ensure correct functioning of the filter system and explosion panels or membranes. The visual inspection shall be recorded in the process log book detailing the date and time the inspection was made, the pressure reading on the differential pressure gauge and the name of the person undertaking the inspection. Where a fault is noted powder coating operations shall cease until the reason for the fault has been identified and remedied. Any remedial action taken and details of the fault shall be recorded in the process log book".
4. In existing clause 4.3 after "while the Thorid Spray booths" insert "and explosion panels or membranes".
5. In existing clause 4.4 after "Thorid spray booths" delete "and these must be in proper working order" and insert "and shall only be undertaken whilst the Thorid spray booths and explosion panels or membranes are in proper working order."
6. In existing clause 4.5 after "cleaned whilst the" delete "extraction system, cyclone unit and cartridge filter unit" and insert "booth extraction system and explosion panels or membranes are".
7. In existing clause 6.1 after "Thorid spray booths" insert "explosion panels or membranes".

YOU ARE REQUIRED, within a period of 28 days from the date of service on you of this Notice, to notify the Authority of the action (if any) which you propose to take to ensure that the process is carried on in accordance with the authorisation as varied by this Notice.

~~[In the opinion of the Authority, the action to be taken by you in consequence of this Variation Notice will involve a substantial change** in the manner in which the process is being carried on.]~~

Dated 12th January 1999

(Signed)  RSP

(Designation) DIRECTOR
(the Officer appointed for this purpose)

Address for all communications:

Housing and Environmental Services Directorate
Broadgate House
Broadgate
COVENTRY
CV1 1NH

Delete any words in square brackets which do not apply

NOTE

You have a right of appeal against this Notice to the Planning Inspectorate. If you wish to appeal you must do so in writing within a period of two months beginning with the date of this Notice. You must set out the grounds for your appeal and send to the Planning Inspectorate a copy of this Notice, together with copies of all relevant documents and correspondence. You should also indicate whether you wish the appeal to be dealt with at a hearing or on the basis of written representations. A copy of your Notice of Appeal must also be sent to the Council.

** "Substantial change" is defined in Section 10(7) of the Environmental Protection Act 1990 as "a substantial change in the substances released from the process or in the amount or any other characteristic of any substance so released"; and the Secretary of State may give directions to enforcing authorities as to what does or does not constitute a substantial change in relation to processes generally, any description of process or any particular process.



ENVIRONMENTAL PROTECTION ACT 1990 section 10

NOTICE OF VARIATION OF AUTHORISATION

To **Rainford Group**

Of **Brindle Avenue, New Century Park, Coventry, CV3 1JG**

The **Coventry City Council**
(the Authority) has decided that the authorisation to carry out a prescribed process, namely:

the degreasing and powder coating of metal components

at the premises known as **Rainford Group**

granted to you by the Council on the 14 day of June 1996 under the reference number 077 should be varied in the following manner*

1. Delete Clause 2.1 and insert Clause 2.1
"Emissions from the Thorid powder coating booths shall not be emitted to atmosphere but directed through the cyclone and filter system and into the workplace".
2. Delete Clause 2.2
3. Delete Clause 2.3
4. Delete Clause 3.2
5. Delete Clause 3.3
6. Delete Clause 3.4
7. Delete Clause 3.5
8. Delete Clause 3.6
9. Delete Clause 3.7
10. Delete Clause 5. to 5.2 inclusive.

(PLEASE SEE ATTACHED)

The date(s) on which the variation(s) are to take effect are†

- | | |
|----------------|-----------------|
| 1. Immediately | 6. Immediately |
| 2. Immediately | 7. Immediately |
| 3. Immediately | 8. Immediately |
| 4. Immediately | 9. Immediately |
| 5. Immediately | 10. Immediately |

continued overleaf

Delete any words in square brackets which do not apply.

* Specify the variation(s) to the authorisation.

† Specify the effective dates for each variation.

YOU ARE REQUIRED, within a period of 28 days from the date of service on you of this Notice, to notify the Authority of the action (if any) which you propose to take to ensure that the process is carried on in accordance with the authorisation as varied by this Notice.

[In the opinion of the Authority, the action to be taken by you in consequence of this Variation Notice will involve a substantial change** in the manner in which the process is being carried on.]

Dated 16th April 1997

(Signed) H. Hamad

(Designation) DIRECTOR
(the Officer appointed for this purpose)

Address for all communications:

Housing and Environmental Services Directorate
Broadgate House
Broadgate
COVENTRY
CV1 1NH

Delete any words in square brackets which do not apply

NOTE

You have a right of appeal against this Notice to the Secretary of State for [the Environment] [Wales]. If you wish to appeal you must do so in writing within a period of two months beginning with the date of this Notice. You must set out the grounds for your appeal and send to the Secretary of State a copy of this Notice, together with copies of all relevant documents and correspondence. You should also indicate whether you wish the appeal to be dealt with at a hearing or on the basis of written representations. A copy of your Notice of Appeal must also be sent to the Council.

** "Substantial change" is defined in Section 10(7) of the Environmental Protection Act 1990 as "a substantial change in the substances released from the process or in the amount or any other characteristic of any substance so released"; and the Secretary of State may give directions to enforcing authorities as to what does or does not constitute a substantial change in relation to processes generally, any description of process or any particular process.

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Coventry City Council

Environmental Protection Act 1990, Sections 12 (1)

Notice of Revocation

To: The Company Secretary
Viasystems EMS UK Ltd
Uxbridge Avenue
Coventry
CV3 1RR

Coventry City Council ('the council'), in exercise of the powers conferred on it by section 12 of the Environmental Protection Act 1990 ('the Act'), hereby gives you notice as follows:

1. The authorization reference 77 for the process of degreasing and powder coating metal components at Via systems EMS UK Ltd, Uxbridge Avenue, Coventry is hereby revoked from the 2nd March 2004.

Signed on behalf of Coventry City Council


.....
Head of Environmental Health

Date..... 2/3/04

CERTIFICATE OF SERVICE BY POST
(Magistrates Courts Rules 1986) Rule 55(2)
I, Matthew Passi a Clerical Assistant
employed by Coventry City Council, hereby certify
that I served company secretary with a
true copy of this notice, by the recorded delivery
service posted by me at the Post Office situated at
27 Herford Street, Coventry at 4:00 pm
on 2.03.04 and addressed
to Viasystems EMS UK Ltd
being his/her last known residence/the company's
registered office/place of business
Dated the 2 day of March '04
Signed: M Passi