

CI/POL/DRP  
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831856  
25th September 1992

FAO: Mr Potter  
Solaglass Mirrors and Processing  
Herald Way  
Binley  
Coventry CV3 2NB

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 (as Amended).

Authorisation No: 003  
Application Received: 20/9/91


Notice is hereby given that under Section 6 of the Environmental Protection Act 1990, Coventry City Council (hereafter called the Authority) gives authorisation to:

Solaglass Ltd  
Waterside Drive  
Langley Business Park  
Langley  
SL3 6EZ

To undertake the polishing and etching of glass by the use of hydrofluoric acid, as described on page 2, at:

Solaglass Mirrors and Processing  
Herald Way  
Binley  
Coventry  
CV3 2NB

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   
Director of Environmental  
Services

Dated.....<sup>25</sup> day of.....<sup>SEPT</sup>.....199..

1. DESCRIPTION OF PROCESS

- 1.1 This authorisation is for polishing or etching of glass plate, by the use aqueous hydrofluoric acid, via manual application techniques within the area known as 'Solaglass Decorative Studios' outlined in red on the attached Plan No. 1.

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2. EMISSION LIMITS AND CONTROLS

- 2.1 All emissions to air, other than steam or water vapour shall be colourless and free from persistent mist, fume or droplets.
- 2.2 All emissions to atmosphere shall be free from offensive odour outside the process boundary, as indicated on Plan No. 1, as perceived by the Local Authority Inspector.

3. MONITORING SAMPLING AND MEASUREMENT OF EMISSIONS

- 3.1 Visual and olfactory assessment of emissions shall be made from outside the entrance to the process room, marked x on the attached Plan No.1, at least once during each acid application. Remedial action shall be taken immediately in the case of abnormal emission (ref 2.1 and 2.2).
- 3.2 The results of visual and olfactory monitoring shall be recorded in a process log book indicating the date and time of acid application, time of inspection, location of inspection, name of operator and comment on the emission assessment. The log book shall be kept on site for at least four years.
- 3.3 Any occurrence which may have an effect on the local community from the use, misuse, spillage or otherwise of hydrofluoric acid shall be immediately reported to the Authority.

emission  
limits

4. MATERIALS HANDLING

- 4.1 Hydrofluoric acid shall only be stored, handled, diluted and used within the process boundary indicated on Plan No. 1.
- 4.2 Hydrofluoric acid shall only be used in aqueous solution and shall be no stronger than 60% aqueous solution. (The use of anhydrous hydrofluoric acid is not permitted under the terms of this authorisation).
- 4.3 No more than 125 litres of 60% aqueous hydrofluoric acid solution shall be stored within the process boundary at any one time.
- 4.4 All aqueous hydrofluoric acid shall be stored in sealed drums.

paste

- 4.5 No hydrofluoric acid shall be decanted, diluted or used or any vessel containing hydrofluoric acid be opened to the atmosphere unless the roof mounted extraction fan within the area subject to this authorisation is in operation.
- 4.6 The drums of hydrofluoric acid shall be opened for the minimum time period practicable for delivery of the acid to the handling vessel.
- 4.7 All partly used or nominally empty drums shall be kept tightly closed and shall not be stored elsewhere than within the oven indicated on Plan No. 1.
- 4.8 An adequate supply of sodium carbonate or similar neutralising agent shall be available at all times, whilst hydrofluoric acid is present in the oven to enable any spillage of hydrofluoric acid to be neutralised.
- 4.9 Any spillage of hydrofluoric acid shall be neutralised immediately.

5. UPGRADING

- 5.1 No later than twelve months from the date of this authorisation, a programme for upgrading the process shall be submitted to the Authority. The programme shall have regard to the Secretary of State Guidance on Processes for the Polishing and Etching of Glass or Glass Products using Hydrofluoric Acid PG3/6 (91).

**NOTES**

- <sup>1</sup> The Authority, in this instance, should be taken as the head of the Pollution Control Section of the Environmental Services Department, telephone 831857 inside office hours, 832222 outside office hours.

Your attention is drawn to your obligation under Section 7(2)(a) of the Environmental Protection Act 1990 to ensure that in carrying on a prescribed process, the best available techniques, not entailing excessive cost (BATNEEC) is used:

- a) For preventing the release of substances prescribed for any environmental medium into that medium or, where that is not practicable by such means, for reducing the release of such substances which are so released.

and

- b) For rendering harmless any other substances which might cause harm if released into the any environmental medium.

An annual subsistence charge, set by the Secretary of State shall be payable in advance, and shall be due on the 1st April of each year.

The annual subsistence fee as at 1st October 1992 is £550.00.

epa\_B\_auth/solaglass

**COVENTRY CITY COUNCIL**

**ENVIRONMENTAL PROTECTION ACT 1990, SECTION 8(8) 12**

**NOTICE OF REVOCATION**

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To: *Solaglass Mirrors and Processing*  
*Herald Way*  
*Binley*  
*COVENTRY*  
*CV3 2ND*

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

*(for section 12(1) notices)*

1. The authorisation reference 003 for the polishing and etching of glass by the use of hydrofluoric acid at Solaglass Mirrors and Processing, Herald Way, Binley, Coventry, CV3 2ND is hereby revoked with effect from 6th June 1996.

Signed on behalf of Coventry City Council

.....  
[Redacted Signature]  
City Environment Officer  
The officer appointed for that purpose

Date: ..... 10<sup>th</sup> May 1996 .....