

27

COVENTRY CITY COUNCIL

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

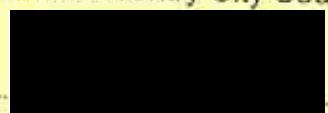
NOTICE OF REVOCATION

To: Milver Metal Company Limited
Coronel Avenue
Rowleys Green
Coventry
CV6 6AD

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:

- 1. The authorisation reference 027B is hereby revoked with effect from 25 July 2003.

Signed on behalf of Coventry City Council



Head of Environmental Health

Date: 25th June 2003

55B

CERTIFICATE OF SERVICE BY POST
(Magistrates Court Rules 1986) Rule 53(2)

I, [redacted] a Clerical Assistant
employed by [redacted] do hereby certify
that I have [redacted] with a
true copy of the [redacted] delivery
service provided by me [redacted] situated at
21 Herford Street, Coventry [redacted] am/pm
on [redacted] and addressed
to [redacted]
being his/her last known residence/the company's
registered office/place of business
Dated the [redacted] day of [redacted]
Signed: [redacted]

to: Nicole Morris, 20 Grand Avenue, Bays Green, Coventry CV6 6TA



ENVIRONMENT
AGENCY

Your ref:
Our ref: BL4478
Date: 13 June 2003

Coventry City Council
Broadgate House
Broadgate
Coventry
CV1 1NH


Dear Sir

**THE POLLUTION PREVENTION AND CONTROL (ENGLAND AND WALES)
REGULATIONS 2000 (SI 2000 No. 1973), as amended (the PPC Regulations).**

**Application by Mil-ver Metal Company Ltd, Coronel Avenue, Rowleys Green Industrial
Estate, Coventry, reference BL4478**

This is to inform you that a Permit for Mil-ver Metal Co Ltd has been issued under the above
Regulations and supersedes the current Part B application.

Yours faithfully


Mrs J Hollis
Technical Support Officer.



RECEIVED

16 JUN 2003

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

Working copy

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



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.

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

Authorisation No: 027B
Application Received: 16th June 1992

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

Milver Metal Company Ltd
Coronel Avenue
Rowleys Green
Coventry
CV6 6AD

INFORMATION ONLY

To carry out an aluminium melting and casting operation at:

Milver Metal Company, Site 2
Coronel Avenue
Rowleys Green
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 199....

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 melting and casting of scrap aluminium as described in Section 2.2 Part B of the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, within the process boundary outlined in red on the attached plan 1B, as specified below:-

- (i) The melting of scrap aluminium in one electrically operated induction furnace, connected to an afterburner discharging to atmosphere via a 15m stack.
- (ii) The melting of scrap aluminium in two sloping hearth furnaces incorporating a gas fire afterburner discharging to atmosphere via a 15m stack.
- (iii) The re-melting of clean scrap aluminium from knock-outs of cast material only in one Morganite furnace.
- (iv) The storage of molten aluminium in three gas fired holding furnaces, two of which are fitted with a sloping hearth capable of extracting approximately one tonne per hour of aluminium from scrap.
- (v) The pouring and casting of aluminium into ingots.
- (vi) The partial treatment of dross in a dross squeezer and storage of dross pending off-site disposal.

1.2 This process must not extend beyond the boundaries as indicated on the attached Plan 1B. Any proposed change to this boundary, or to the process description must receive prior authorisation from this Authority.

CONDITIONS

2. EMISSION LIMITS AND CONTROLS

2.1 No black smoke shall be emitted from any chimney (including any building opening) for an aggregate period of more than 2 minutes in any 30 minute period. For the purpose of this condition, 'black smoke' shall mean smoke which if compared in the appropriate manner with a Ringlemann Chart as described in British Standard BS2742:1969, would appear to be as dark as or darker than shade 4 on the chart.

- 2.2 Emissions to air shall be free from visible smoke apart from a maximum period of 10 minutes at start up from cold and immediately after charging, when the emission should not exceed Ringlemann Shade 1 as described in British Standard BS 2742:1969.
- 2.3 All emissions to atmosphere shall be free from offensive odour outside the process boundary, as indicated on Plan 1B, as perceived by the Local Authority Inspector.
- 2.4 All emissions from the stack servicing the furnaces shall be free from persistent dust.
- 2.4.1 All emissions to air other than steam or condensed water vapour, shall be free from droplets, persistent mist and persistent fume.
- 2.5 The following emission concentration limits shall not be exceeded from the stacks serving the sloping hearth furnaces, induction furnace and two holding furnaces.
- | | | |
|----|--|--|
| a. | Total Particulate Matter | 50mg/m ³ |
| b. | Total Particulate Matter | 20mg/m ³ |
| c. | Chloride (expressed as HCl) | 100mg/m ³
(expressed as an hourly average) |
| d. | Total of Cadmium, Lead and their compounds (as metals) | 5mg/ ³ |
| e. | Total of Cadmium, Lead and their compounds (as metals) | 2mg/ ³ |

3. MONITORING SAMPLING AND MEASUREMENT OF EMISSIONS

- 3.1 A visual and olfactory assessment of emissions from the stack and furnaces shall be carried out, at least once per day, while the furnaces are being operated.
- 3.1.1 Emissions from the sloping hearth furnaces, induction furnace and two holding furnaces shall be tested for particulate matter at least once a year to demonstrate compliance with Clause 2.5 a) (2.5 b) from 1st April 2001) above.
- 3.1.2 Emissions from the sloping hearth furnaces, induction furnace and two holding furnaces shall be tested for hydrogen chloride at least once a year to demonstrate compliance with Clause 2.5 (c) above.
- 3.1.3 Emissions from the stacks serving the sloping hearth furnaces, induction furnace and two holding furnaces shall be tested for cadmium, lead and their compounds at least once a year to demonstrate compliance with Clause 2.5 d) (2.5 e) from 1st April 2001), above.

- 3.1.4 Notification shall be given to this Authority at least 14 days in advance of any periodic monitoring to take place to demonstrate compliance with Clause 2.5 above. The notification shall include the provisional date and time of monitoring, the pollutants to be tested, and the methods to be used.
- 3.2 The results of all monitoring and inspections shall be recorded in a log book which shall include: date, time, wind direction and approximate speed, weather conditions, assessment, identification of observer point of observation. This book shall be retained at the works for a minimum of 2 years and made available by the operator for examination by the local authority.
- 3.3 Any adverse results from monitoring required by 3.1 and 3.1.1, 3.1.2 and 3.1.3 must be investigated immediately and in all cases should be recorded in the log book. The operator should ensure that the cause has been identified and corrective action taken and this action also recorded in the log book.
- 3.4 Deleted.
- 3.5 Emissions from the afterburners serving all furnaces shall be continuously indicatively monitored for particulate matter using an instrument fitted with an audible and visual alarm set to activate at the limit level. Any emission event which leads to activation of the alarm shall be automatically recorded.

4. MATERIAL HANDLING

- 4.1 Stocks of raw materials shall be stored in designated areas within the confines of the process boundary.
- 4.1.1 The stocking, movement and handling of materials shall be carried out in such a manner as to prevent emissions to air.
- 4.1.2 The shaking of dross from the sloping hearth furnaces shall only be carried out within the dross shaking enclosure to prevent emissions of dust to atmosphere.
- 4.2 Deleted.
- 4.3 Deleted.
- 4.4 All spillages of finely divided materials likely to lead to an emission to atmosphere, shall be cleared by vacuum or suitable methods immediately. Wet cleaning methods shall only be used when there is no risk of further chemical reactions taking place.
- 4.5 Waste dross shall be stored in covered areas or containers pending disposal to ensure the dross is kept dry.
- 4.6 Waste dross shall be cooled prior to removal from site.

5. FURNACE AND MELTING OPERATIONS

- 5.1 Scrap metal heavily contaminated with oils or other material such as plastics or rubbers which would be likely to cause abnormal emissions to air shall not be introduced into the furnace where possible contaminants should be removed prior to introduction into the furnace.
- 5.2 The furnace doors shall be closed as soon as possible after charging and shall remain closed during melting.
- 5.3 The gas fired after burners shall be in operation whilst melting in the furnace is taking place. The residence time, air supply and turbulence shall be sufficient to ensure complete combustion of waste gases.
- 5.4 The furnaces shall only be charged when the after burner temperature exceeds 850°C. The after burner temperature shall be maintained at 850°C or above during operation.
- 5.5 The temperature of the after burners shall be continuously monitored, and an audible and visual alarm shall be fitted to activate when the temperature falls below 850°C.

6. VENTS AND PROCESS EXHAUSTS

- 6.1 The exhaust from the furnaces and after burners shall only be vented to atmosphere through the stacks indicated on Plan 1B.
- 6.2 Ductwork connecting the furnaces, after burners and the stacks shall be maintained in an airtight condition.
- 6.3 Details shall be submitted to this Authority of calculations carried out in accordance with Clause 42 of the Secretary of States' Guidance Note PG 2/1(96) to determine the height of the stacks serving the furnaces.

7. GENERAL OPERATIONS

- 7.1 Any mechanical malfunction likely to give rise to atmospheric emission or spillage of material shall be attended to and remedied as soon as possible. Any incident likely to give rise to abnormal atmospheric emissions shall be noted in detail in the process log book as described in 3.2.
- 7.2 Any incidents likely to give rise to emissions which may have an impact on neighbouring residents shall be reported immediately to this Authority.

7.3 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.

8. **IMPROVEMENT SCHEDULE**

8.1 Deleted.

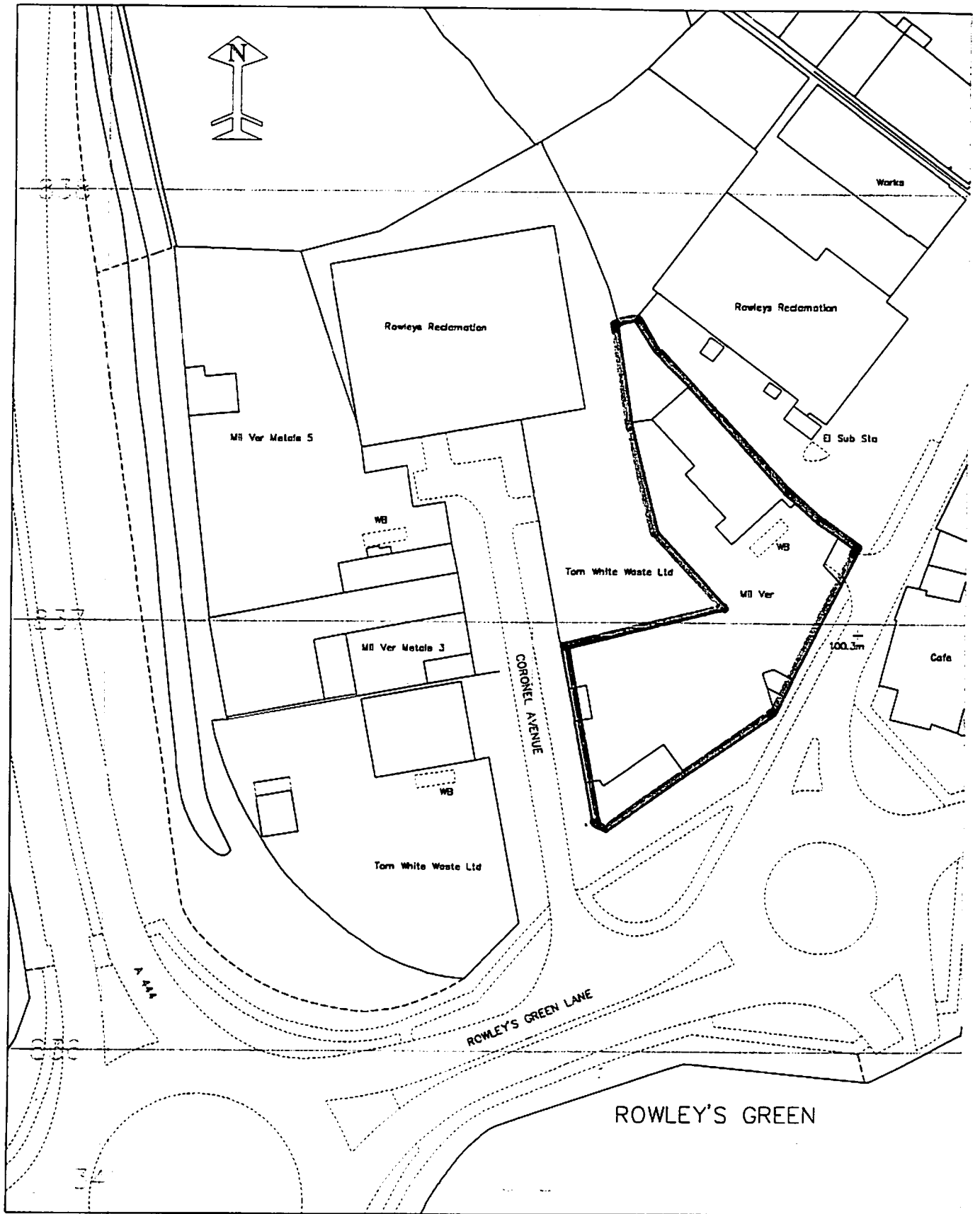
G/wp/epa/aa/027B.Auth

**INFORMATION
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 1813 during office hours, 7683 2222 outside office hours.



Mil Ver Metals Ltd
 Site Location Plan
 Authorisation 027B
 Scale 1/1250
 October 2000

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EH/EP/ptb11
024 7683 1887
024 7683 1840
8th November 2000
V Dawson
Vicki.dawson@coventry.gov.uk

The Company Secretary
Mil-Ver Metal Company Ltd
Coronel Avenue
Rowleys Green Industrial Estate
Coventry
CV6 6AP

Environmental Protection Act 1990 Part I
Authorisation to operate a Prescribed Process : number 027B
Operator Address: Mil-Ver Metal Company Ltd., Coronel Avenue, Coventry

Dear Sirs,

I refer to the above and enclose your Variation Notice under section 11 of the above legislation, following changes made to your authorisation.

Please note that this Notice is a legal document and must be retained on site with your authorisation.

For ease of reading I also enclose an amended copy of your authorisation, incorporating the changes defined in the variation notice. This is an "information only" copy and does not constitute a legal document.

I draw your attention to your right to appeal against any condition in the variation notice. Your appeal must be forwarded to the Planning Inspectorate within two months of the date of the variation notice.

If you require further information please telephone me on the number above.

Yours sincerely,


V Dawson
Principal Environmental Health Officer

cc. Mr. B Percival, Mil-Ver Metal Company Ltd, Coronel Avenue, Rowleys Green Industrial Estate Coventry, CV6 6AP

**NOTICE OF [VARIATION]
CONDITIONS OF AUTHORISATION**



To **Mil-Ver Metal Company Limited**

Of **Coronel Avenue, Rowleys Green Industrial Estate, Coventry, CV6 6AP**

With reference to your application for the variation of the conditions attached to the authorisation, granted to you by Coventry City Council on the 1st day of December 2000 under the reference number **027B** in respect of the premises known as

Mil-Ver Metals Company Limited

The Council on the 4th day of October 2000 decided that the conditions of the authorisation should be varied as follows*:

1. In clause 1.1, the sub-paragraphs headed 'Site 1' and 'Site 2' shall be deleted and substituted with the following paragraph:
 - i The melting of scrap aluminium in one electrically operated induction furnace, connected to an afterburner discharging to atmosphere via a 15m stack.
 - ii The melting of scrap aluminium in two sloping hearth furnaces incorporating a gas fired afterburner discharging to atmosphere via a 15m stack.
 - iii The re-melting of clean scrap aluminium from knock-outs of cast material only in one Morganite furnace.

(PLEASE SEE ATTACHED)

The date on which the variation is to take effect are †

- 1) Immediately
- 2) 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 Council 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 08 NOV 2000

(Signed).....

Designation) ASSISTANT DIRECTOR, ENVIRONMENTAL SERVICES

the Officer appointed for this purpose)

Magistrates Courts Rules 1968)
Rule 55 (2)

Address for all communications:

Environmental Services Directorate
Broadgate House
Broadgate
COVENTRY
CV1 1NH

[Redacted] a Clerical Assistant employed by Coventry City Council, hereby certify that I served The Co. Secretary, Milve/ [Redacted] with a true copy of this notice, by [Redacted] the Co. [Redacted] recorded delivery service posted by me at the Post Office situated at 21 Hertford Street, Coventry at 4.30 pm on 8/11/00 and addressed to Coronel Ave, Coventry [Redacted] apply n/s/ner last known residence of [Redacted] company's registered office/place of business [Redacted] dated the 8th day of NOVEMBER 2000

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 [six months beginning with the date of the Council's decision]† [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.

† In the case of a refusal of an application under Section 11.

- iv The storage of molten aluminium in three gas fired holding furnaces, two of which are fitted with a sloping hearth capable of extracting approximately one tonne per hour of aluminium from scrap.
 - v The pouring and casting of aluminium into ingots.
 - vi The partial treatment of dross in a dross squeezer and storage of dross pending off-site disposal.
- 3) In clauses 1.1, 1.2, 2.3 and 6.1, the words 'plan 1A' shall be substituted with the words 'plan 1B'.

Epa/n/027B(3)



Mil Ver Metals Ltd
 Site Location Plan
 Authorisation 027B
 Scale 1/1250
 October 2000

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EH/EP/ptb12
024 7683 1887
024 7683 1840
10th October 2000
V Dawson
vicki.dawson@coventry.gov.uk

-
The Company Secretary
Mil-Ver Metals Company Ltd
Coronel Avenue
Rowleys Green Industrial Estate
Coventry
CV6 6AP

Environmental Protection Act 1990 Part I
Authorisation to operate a Prescribed Process : number 027B
Operator Address : Mil-Ver Metal Company Ltd., Coronel Avenue, Coventry

Dear Sirs,

This Local Authority has reason to believe that you are have breached the following condition of your authorisation.

5.5 The temperature of the afterburners shall be continuously monitored, and an audible and visual alarm shall be fitted to activate when the temperature falls below 850^oC.

This is a legal offence and the Local Authority therefore require you to undertake the works required on the enclosed Enforcement Notice, within the specified time scale, under section 13 of the above legislation.

Failure to comply with the Enforcement Notice is a legal offence and subject to prosecution and a fine of up to £20 000. I draw your attention to your right to appeal against this Enforcement Notice Your appeal must be forwarded to the Planning Inspectorate within **two months** of the date on the enforcement notice.

If you require further information, including details of the appeals procedure, please telephone me on the number above.

Yours sincerely,


V Dawson
Principal Environmental Health Officer

cc. Mr. B Percival, Mil-Ver Metal Company Ltd, Coronel Avenue, Coventry, CV6 6AP

FILE



ENVIRONMENTAL PROTECTION ACT 1990 section 13

ENFORCEMENT NOTICE

To **Mil-Ver Metals Company Limited**

Of **Coronel Avenue, Rowleys Green Industrial Estate, Coventry, CV6 6AP**

The **Coventry City Council** ("the Council") is of the opinion that you are contravening a condition of the authorisation to carry on a prescribed process at the premises known as:

Mil-Ver Metal Company Limited, Coronel Avenue, Rowleys Green Industrial Estate, Coventry, CV6 6AP


Granted to you by the Council on the **1st** day of **December 1993** in that*

There is no audible or visual alarm fitted to the afterburner temperature monitors

and the Council **REQUIRES YOU**, within a period of **28 days** from the date of service on you of this Notice to take the following steps to remedy the contravention.

Fit audible and/or visual alarms to the temperature monitors for all the afterburners to all furnaces. The alarms should be set to activate if the afterburner temperature falls below **850°c**.

Dated **10 OCT 2000**

(Signed) 
(Designation) **ASSISTANT DIRECTOR**
(the Officer appointed for this purpose)

Address for all communications:

City Development Directorate
Broadgate House
Broadgate
COVENTRY CV1 1NH

NOTES

- 1 Failure to comply with or contravention of any requirement of an Enforcement Notice is an offence, punishable summary conviction by a fine not exceeding £20,000, or on conviction on indictment, to a fine or to a term of imprisonment of two years, or both.
- 2 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.

Delete any words in square brackets which do not apply

- * Specify the matters constituting the contravention or the matters making it likely that the contravention will arise, as the case may be.
 - † Specify the steps that must be taken to remedy the contravention or to remedy the matters making it likely that the contravention will arise, as the case may be.
-

(Magistrates Courts Rules 1981)

Form 55 (2)

..... a Justice of the Peace
 employed as Coventry City Council, hereby
 certify that I served The Company Secretary
 in a true copy of notice, by the Miller
 service station used by me as it Metals
 via Office number 11 Marlford Street
 Coventry at 4.30 pm on 11.10.00
 is addressed to Colonel Ave, Coventry
 giving his/her best known residence
 at my registered office of business
 dated the 11th day of October 2000

ENVIRONMENTAL PROTECTION ACT 1990 section 13

ENFORCEMENT NOTICE

To **Mil-Ver Metals Company Limited**

Of **Coronel Avenue, Rowleys Green Industrial Estate, Coventry, CV6 6AP**

The **Coventry City Council** ("the Council") is of the opinion that you are contravening a condition of the authorisation to carry on a prescribed process at the premises known as:

Mil-Ver Metal Company Limited, Coronel Avenue, Rowleys Green Industrial Estate, Coventry, CV6 6AP


Granted to you by the Council on the 1st day of **December 1993** in that*

There is no audible or visual alarm fitted to the afterburner temperature monitors

and the Council **REQUIRES YOU**, within a period of **28 days** from the date of service on you of this Notice to take the following steps to remedy the contravention.

Fit audible and/or visual alarms to the temperature monitors for all the afterburners to all furnaces. The alarms should be set to activate if the afterburner temperature falls below 850°C.

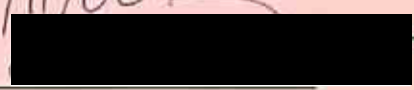
Dated **10 OCT 2000**

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

Address for all communications:

City Development Directorate
Broadgate House
Broadgate
COVENTRY CV1 1NH

*Checked - all works
complete 15/11/00*



NOTES

- 1 Failure to comply with or contravention of any requirement of an Enforcement Notice is an offence, punishable summary conviction by a fine not exceeding £20,000, or on conviction on indictment, to a fine or to a term of imprisonment of two years, or both.
- 2 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.

Delete any words in square brackets which do not apply

- * Specify the matters constituting the contravention or the matters making it likely that the contravention will arise, as the case may be.
 - † Specify the steps that must be taken to remedy the contravention or to remedy the matters making it likely that the contravention will arise, as the case may be.
-

NOTICE OF VARIATION OF AUTHORISATION



To **Milver Metal Company Ltd**
Of **Coronel Avenue, Rowleys Green, Coventry, CV6 6AD**

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

Aluminium melting and casting

at the premises known as **Milver Metal Company, Site 1, Rowleys Green Lane**

granted to you by the Council on the 1st day of **December 1993** under the reference number **027A** should be varied in the following manner*

1. In Clause 1.1 ii) the words 'one oil fired holding furnace' shall be substituted with the words 'two gas fired holding furnaces, one of which is fitted with a sloping hearth capable of extracting approximately 1 tonne per hour of aluminium from clean and slightly contaminated scrap'.
2. In Clause 1.1 iv) before the words 'storage' shall be inserted the words, 'Partial treatment in a dross squeezer'.

(PLEASE SEE ATTACHED)

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

- | | | |
|--------------------|----------------------|-------------------------|
| 1. Immediately | 6. Immediately | 13. Immediately |
| 2. Immediately | 7. Immediately | 14. 1st October 1999 |
| 3. Immediately | 8. Immediately | 15. 1st October 1999 |
| 4a. Immediately | 9. Immediately | 16. 31st September 1998 |
| 4b. 1st April 2001 | 10. 1st October 1999 | 17. Immediately |
| 4c. 1st April 2001 | 11. Immediately | |
| 5. Immediately | 12. 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.

3. Clause 2.2 shall be substituted with the following clause:

2.2 Emissions to air shall be free from visible smoke apart from a maximum period of 10 minutes at start up from cold and immediately after charging, when the emission should not exceed Ringelmann Shade 1 as described in British Standard BS2742:1969.

4. After Clause 2.4 shall be inserted the following clause:

2.5 The following emission concentration limits shall not be exceeded from the stacks serving the induction furnace and two holding furnaces.

- | | |
|---|--|
| a. Total Particulate Matter | 50mg/m ³ |
| b. Chloride (expressed as HCl) | 100mg/m ³
(expressed as an hourly average) |
| c. Total of Cadmium, Lead and their compounds (as metals) | 2mg/m ³ |

5. After Clause 3.1 shall be inserted the following Clause:

3.1.1 Emission monitoring shall take place at least once a year in order to demonstrate compliance with Clause 2.5 above.

6. After Clause 3.1.1 shall be inserted the following clause:-

3.1.2 Notification shall be given to this Authority at least 14 days in advance of any periodic monitoring to take place as described in Clause 3.1.1 above. Notification shall include the provisional time and date of monitoring, pollutants to be tested and the methods to be used.

7. In Clause 3.2 the words '4 years' shall be substituted with the words '2 years'.

8. In Clause 3.3 the words 'of 3.1 and 3.2' shall be substituted with the words 'required by 3.1 and 3.1.1'.

9. Clause 3.4 shall be deleted.

10. After Clause 3.4 shall be inserted the following clause:-

3.5 Emissions from the after burner shall be continuously indicatively monitored for particulate matter, using an instrument fitted with an audible and visual alarm, set to activate at the limit level. Any emission event which leads to activation of the alarm shall be automatically recorded.

11. After Clause 4.1 shall be inserted the following clause:-

4.1.1 Dross shall be stored in covered skips in order to prevent wind whipping.

12. In Clause 4.2 the word 'wet' shall be substituted with the word suitable.

13. Clause 4.3 shall be deleted.

14. In Clause 5.2 after the words 'taking place' shall be inserted the words 'The residence time, air supply and turbulence shall be sufficient to ensure complete combustion of waste gases'.

15. After Clause 5.2 shall be inserted the following clause:-

5.3 The furnaces shall only be charged when the after burner temperature exceeds 850°C. The after burner temperature shall be maintained at 850°C or above during operation.

16. After Clause 5.3 shall be inserted the following clause.

5.4 The temperature of the after burner shall be continuously monitored, and an audible and visual alarm shall be fitted to activate when the temperature falls below 850°C.

17. After Clause 6.2 shall be inserted the following Clause:-

6.3. Details shall be submitted to this Authority of calculations carried out in accordance with Clause 49 of the Secretary of States' Guidance Note PG 2/6(96) to determine the height of the stacks serving the induction, and two gas fired holding furnaces.

18. Clause 8.1 shall be deleted.

Your Reference :
Our Reference : EH/EP/DRP(em)
Please ask for : D R Packard
Direct Dialling No : 831857
Date : 19 November 1993



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 : 0203 85 1352 34
Telecom Gold Mailbox : 76 : ENDO42
Fax : 0203 85 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: 027A
Application Received: 16th June 1992

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

Milver Metal Company Ltd
Coronel Avenue
Rowleys Green
Coventry
CV6 6AP

To carry out an aluminium melting and casting operation at:

Milver Metal Company, Site 1
Rowleys Green Lane
Rowleys Green
Coventry

pg 2/6/94

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 
City Environment Officer

Dated *1st* day of *December* 199*3*

1. DESCRIPTION OF PROCESS

1.1 This authorisation is for the melting of aluminium as prescribed under Section 2.2 of the Environmental Protection (Prescribed Processes and Substances) Regulations 1991, within the process boundary outlined in red on the attached plan No. 1 and in particular:-

- i. The melting of clean and slightly contaminated aluminium in ~~the~~ electrically operated induction furnace connected to an afterburner discharging to atmosphere via a 15m stack.
- ii. The storage of molten aluminium in ^{Two} ~~one~~ oil fired holding furnace.
- iii. Casting of aluminium into ingots.
- iv. Storage of dross pending disposal.

1.2 This process must not extend beyond the boundaries as indicated on the attached Plan 1. Any proposed change to this boundary, or to the process description must receive prior authorisation from this Authority.

CONDITIONS

2. Emission Limits and Controls

2.1 No black smoke shall be emitted from any chimney (including any building opening) for an aggregate period of more than 2 minutes in any 30 minute period. For the purpose of this condition, 'black smoke' shall mean smoke which if compared in the appropriate manner with a Ringlemann Chart as described in British Standard BS2742:1969, would appear to be as dark as or darker than shade 4 on the chart.

2.2 No dark smoke shall be emitted from any chimney (including any building opening). Continuously for a period of 4 minutes or more, nor shall dark smoke be emitted from any chimney (including any building opening). For an aggregate period of 10 minutes or more in any 8 hour period. For the purpose of this condition, 'dark smoke' shall mean smoke which if compared in the appropriate manner with a Ringlemann chart as described in British Standard BS2742:1969, would appear to be as dark or darker than shade 2 on the chart.

2.3 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.

2.4 All emissions from the stack servicing the furnaces shall be free from persistent dust.

3. Monitoring Sampling and Measurement of Emissions.

3.1 A visual and olfactory assessment of emissions from the stack and furnaces shall be carried out, at least once per day, while the furnaces are being operated.

3.2 The results of all monitoring and inspections shall be recorded in a log book which shall include: date, time, wind direction and approximate speed, weather conditions, assessment, identification of observer and point of observation. This book shall be retained at the works for a minimum of 4 years and made available by the operator for examination by the local authority.

3.3 Any adverse results from monitoring of 3.1 and 3.2 must be investigated immediately and in all cases should be recorded in the log book. The operator should ensure that the cause has been identified and corrective action taken this action shall be recorded in the log book detailed in 3.2.

(remove health)
3.4 A detailed inventory of all organic solvent usage shall be kept for at least four years. This shall include details of organic resins, binders and catalysts used. A copy of the inventory for the preceding 6 months shall be forwarded to the local authority every 6 months commencing within 6 months of the date of issue of this authorisation.

4. MATERIAL HANDLING

4.1 Stocks of raw materials shall be stored in designated areas within the confines of the process boundary.

4.2 All spillages of finely divided materials likely to lead to an emission to atmosphere, shall be cleared by vacuum or wet methods immediately. Wet cleaning methods shall only be used when there is no risk of further chemical reactions taking place.

4.3 Bulk oil storage tanks shall be surrounded by an impervious bund with a capacity of 110% of the volume of the tank.

5. FURNACE AND MELTING OPERATIONS

5.1 Only clean and slightly contaminated aluminium shall be melted in the furnaces.

?
5.2 The afterburner shall be in operation whilst melting in the furnace is taking place.

6. VENTS AND PROCESS EXHAUSTS

6.1 The induction furnace must only be vented to atmosphere through the afterburner and 15m stack.

6.2 Ductwork between the furnace afterburner and stack shall be in an airtight condition.

7. GENERAL OPERATIONS

- 7.1 Any mechanical malfunction likely to give rise to atmospheric emission or spillage of material shall be attended to and remedied as soon as possible. Any incident likely to give rise to abnormal atmospheric emissions shall be noted in detail in the process log book as described in 3.2.
- 7.2 Any incidents likely to give rise to emissions which may have an impact on neighbouring residents shall be reported immediately to this Authority.
- 7.3 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.

8. IMPROVEMENT SCHEDULE

- 8.1 Within 12 months from the date of issue of this authorisation issues, a schedule detailing the works required to up grade the process shall be submitted for approval by this Division. This schedule shall have regard to the Secretary of State's Guidance.

- Aluminium and Aluminium alloy processes PG 2/6(91)

SUPPLEMENTARY NOTES

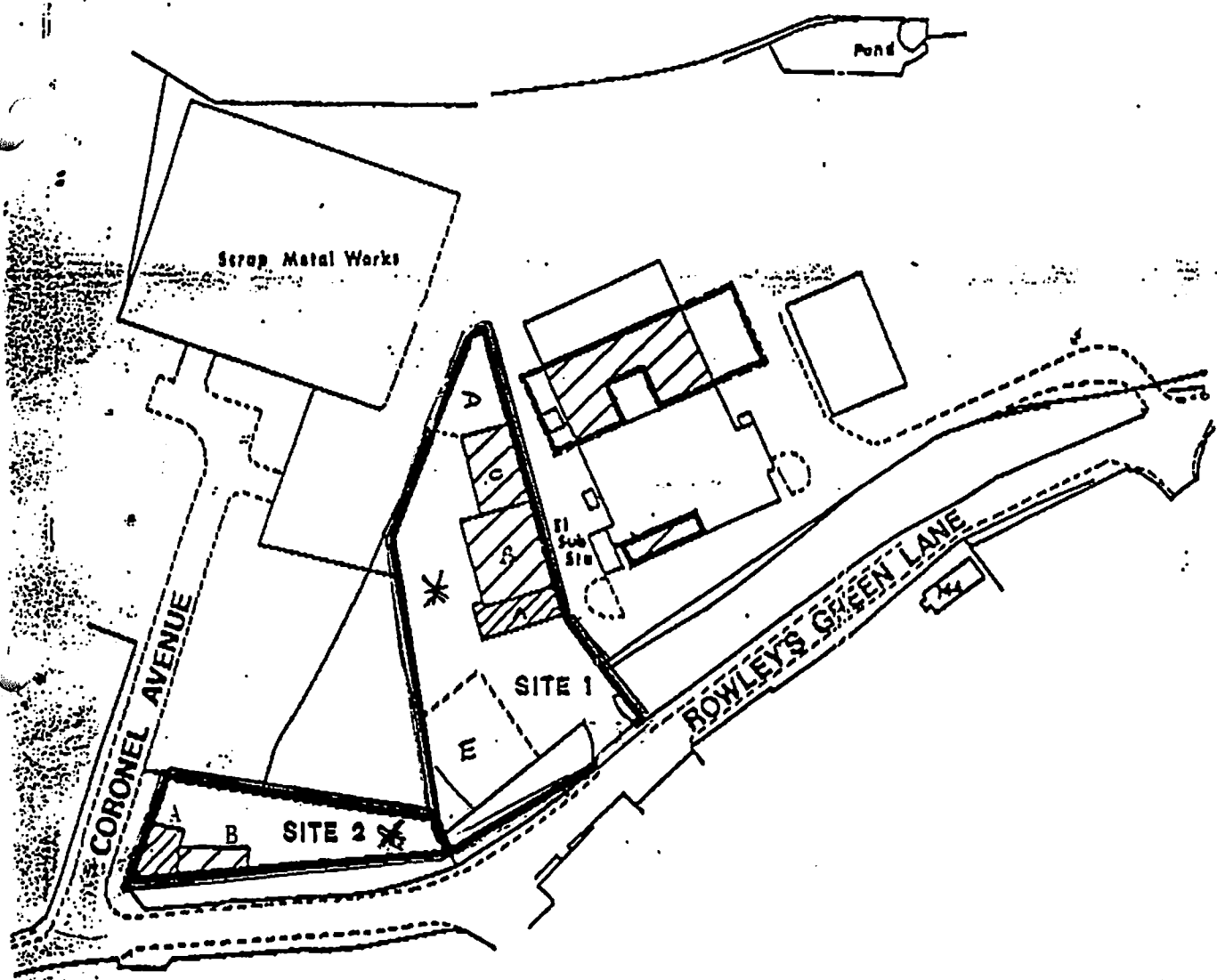
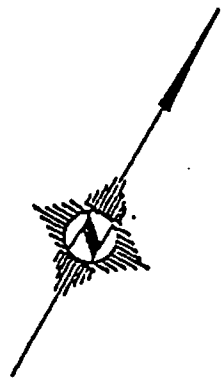
THESE NOTES ARE NOT PART OF THE AUTHORISATION

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 831810 during office hours, 832222 outside office hours.
3. You will note that condition 7.1 of the authorisation requires you to submit a schedule of works for approval by this Authority, within twelve months of the issue date. This schedule must describe the procedures and improvements that you intend to implement in order to meet the requirements of the relevant guidance note referenced within the authorisation.

epa_B_auth/milvermet2

ROWLEY'S GREEN, Coventry.



MAY. 1990 * Site 1

* Site 2

- A - Offices
- B - Foundry
- C - Ingot Store
- D - Proposed Ingot Store
- E - Proposed Baler Building

- A - Offices
- B - Foundry



FAO. vich

MANUFACTURERS OF PRIMARY & SECONDARY BASED ALUMINIUM ALLOYS

MIL-VER METAL COMPANY LIMITED

CORONEL AVENUE • ROWLEYS GREEN INDUSTRIAL ESTATE • COVENTRY CV6 6AP
TELEPHONE: 01203 667098 (6 LINES) • FAX: 01203 637580

Housing & Environmental Services Directorate
Coventry City Council
Broadgate House
Broadgate
Coventry
CV1 1NH

Dear Sirs

**Environmental Protection Act 1990
Authorisation No. 027A**

We operate a non-ferrous metals process under the above Authorisation which was issued on 1 December 1993. We now wish to make a relevant change to the process.

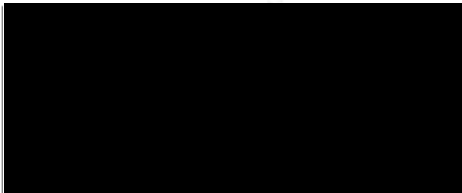
In accordance, therefore with Section 11 (1) (a) and 11 (1) (b) of the Environmental Protection Act 1990, and our wish to make a relevant change to the authorised process, we request a determination as to whether this would require a variation to the Authorisation and, if so, whether the variation would be classed as substantial.

The relevant information required under Regulation 3 of 'The Environmental Protection (Applications, Appeals and Registers) Regulations 1991 has been appended to this letter.

I would be grateful for a prompt response to this request so that I may expedite matters relating to the process change.

If I can be of further help, please contact me accordingly.

Yours faithfully



J.W. Verdon
Chief Executive

jvrjh008



Directors: J.W. Verdon, S.D. Miles, J.L. Cutler, J.B. Lawton, B.Sc.

Reg Office: 7 Harbour Buildings, Waterfront West, Dudley Road, Brierley Hill, West Midlands DY5 1JN
Registered in England No. 1434739 VAT Registration No. 307 5655 36



A member of the Association of Light Alloy Manufacturers Limited

**THE ENVIRONMENTAL PROTECTION ACT 1990
AUTHORISATION NUMBER 027A**

NOTIFICATION OF A PROPOSED RELEVANT CHANGE

**REQUEST FOR DETERMINATION OF A NEED FOR AND NATURE OF A
VARIATION**

Details of premises: -

Mil-Ver Metal Company Ltd
Coronel Avenue
Rowleys Green Industrial Estate
Coventry CV6 6AP
Tel: (01203) 667098

Process description: -

Authorisation Number 027A allows for: -

the melting of clean and slightly contaminated aluminium in one electrically operated induction furnace, connected to an afterburner discharging to atmosphere via a 15 metre stack;

the storage of molten aluminium in one oil fired holding furnace;

casting of aluminium into ingot;

storage of dross pending disposal.

Application is now made for the operation of a second holding furnace of 12 tonne capacity to be fired with natural gas, and for the simultaneous change to natural gas firing on the existing authorised holding furnace and afterburner.

The process changes involved are: -

the availability of two holding furnaces will allow optimum use of the induction furnace which currently has to remain idle for periods of up to 3 hours when metal cannot be transferred to the existing holding furnace whilst it is being cast;

the new holding furnace will be fitted with a small sloping hearth facility which will allow separation of otherwise very clean aluminium from ferrous attachments. This dry hearth facility will have a melting capacity of the order of 1 tonne per hour and is a prescribed process under Section 2.2 Part B (b) of 'The Environmental Protection (Prescribed Processes and Substances) Regulations 1991 as amended.

The proposal constitutes a relevant change as defined under Section 11 (11) of EPA 90 but is not

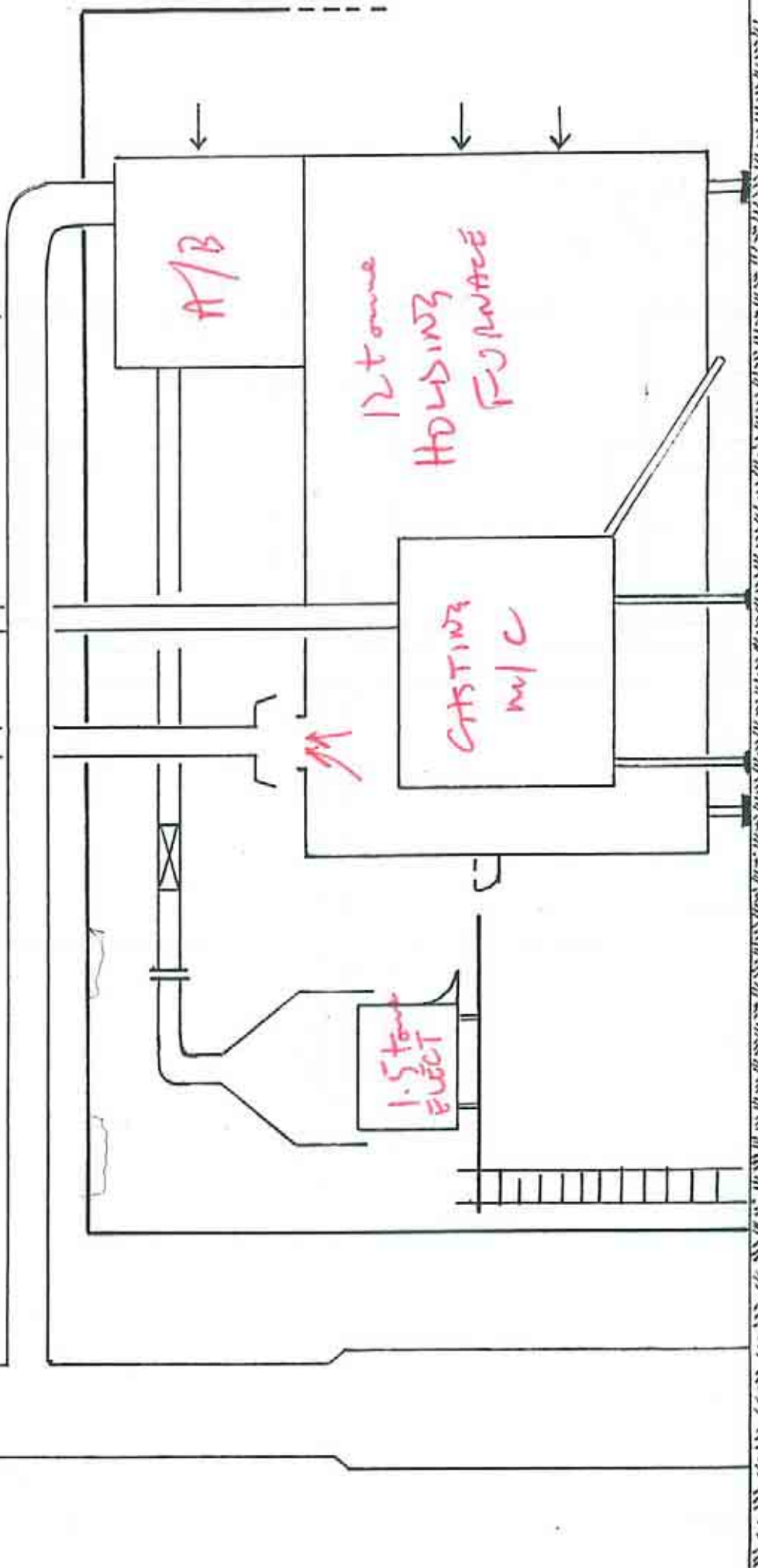
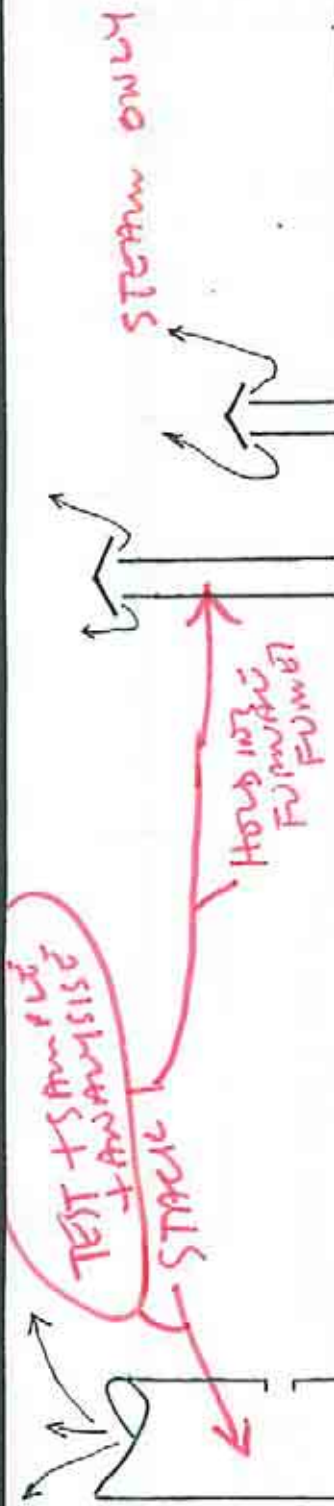
considered to be a substantial change under Section 10 (7). There will almost certainly be an increase in total flue gas released but no substantial increase in particulate loading. There will almost certainly also be a significant reduction in acid gas release because of the change from oil to gas firing.

The process will continue to comply with all the conditions in Authorisation Number 027A. The variation could be implemented merely by adding the new holding furnace to the process description in paragraph 1.1, changing paragraph 1.1 ii to: -

The storage of molten aluminium in two gas fired holding furnaces, one of which is fitted with a sloping hearth capable of extracting approximately 1 tonne per hour of aluminium from mixed scrap.

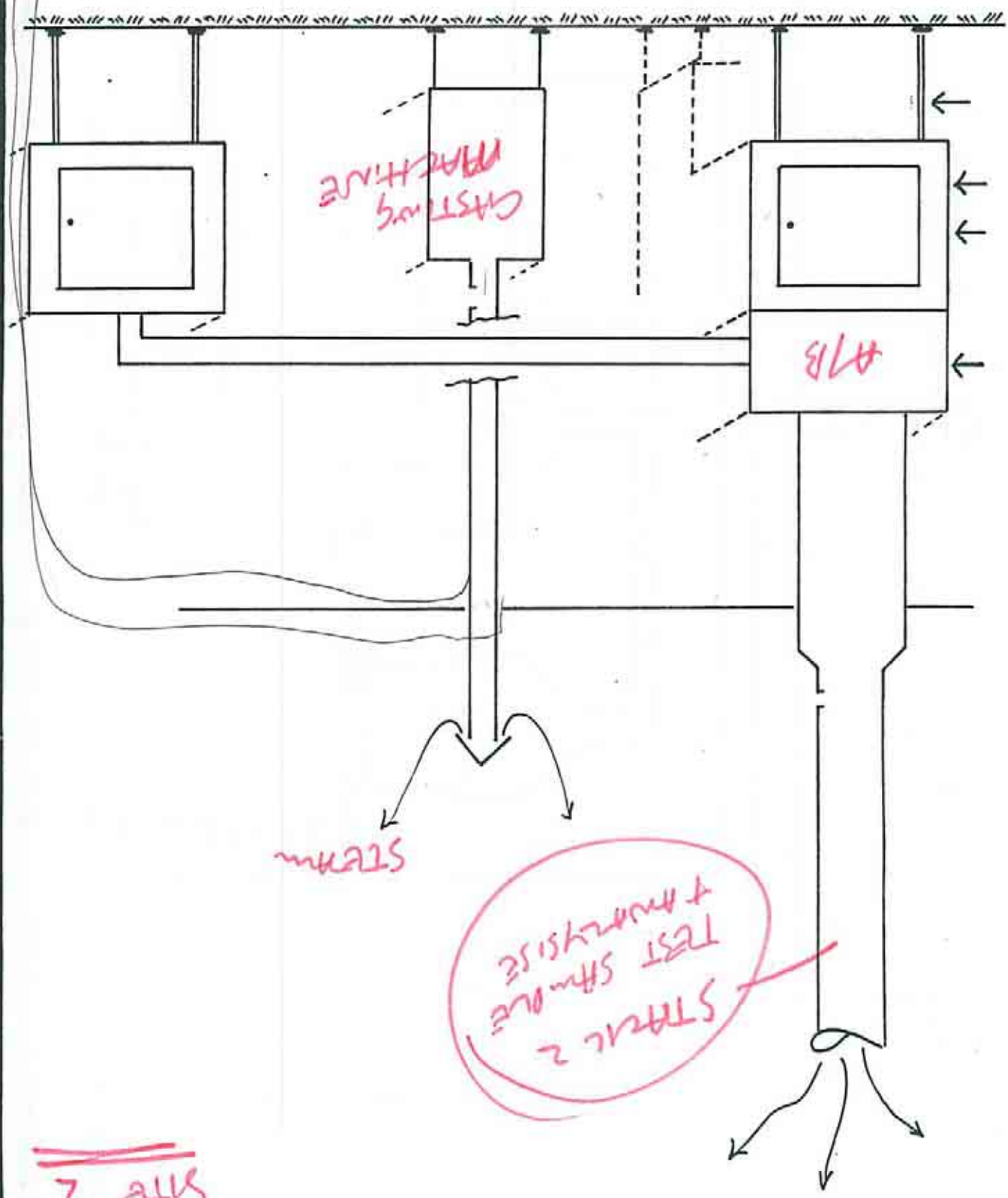
ENVIRONMENTAL SERVICE DEPT.	
9 - JUL 1953	
RECEIVED BY	REFER TO

SITE 1



— 2 SAMPLES —

recycle
water
P CM 2



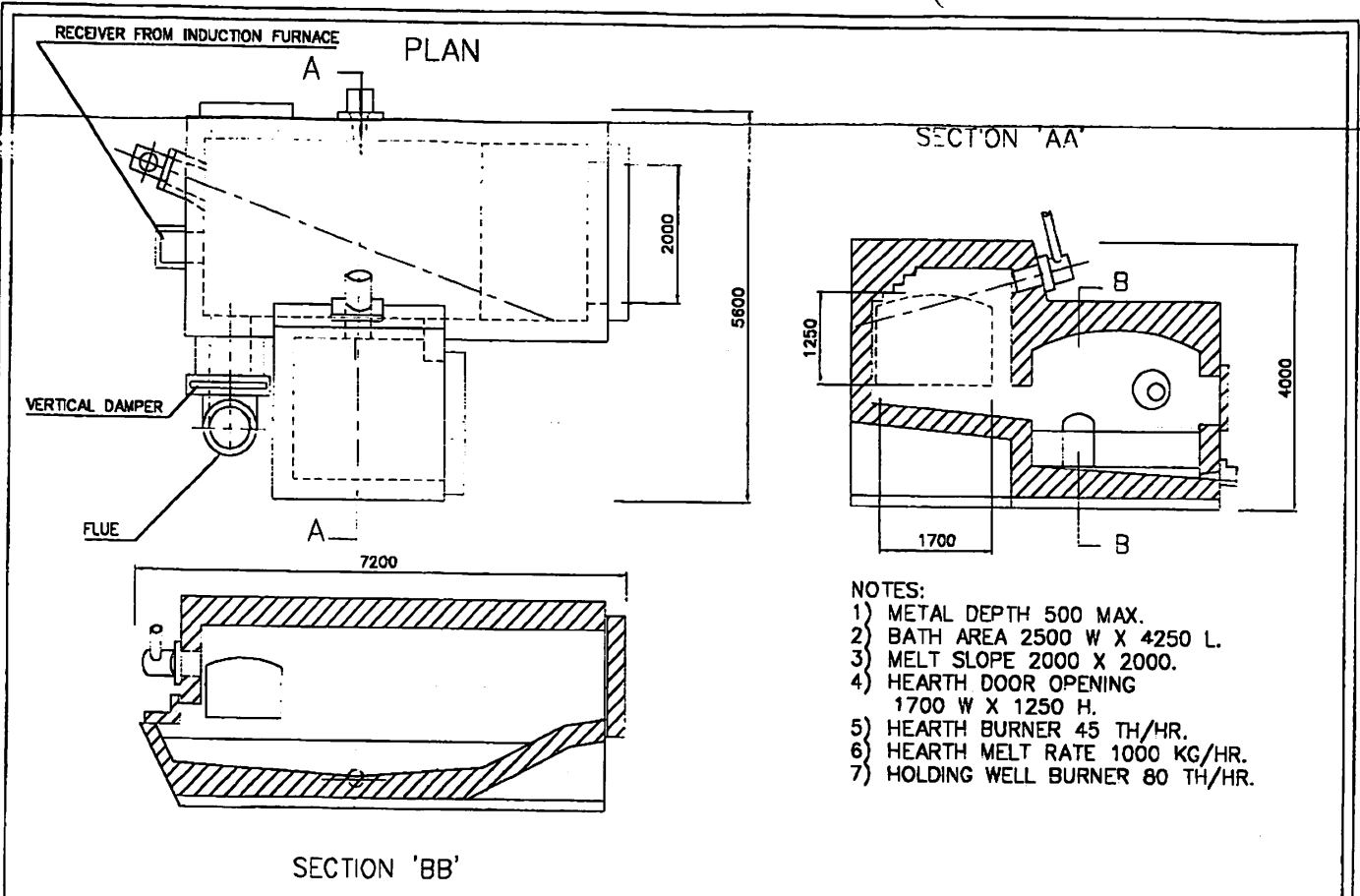
STEAM

STAGE 2
TEST SAMPLE
+ ANALYSIS

SITE 2

F.A.O. TREVOR WHITE for MIL-VEE METALS

Fixed e 4.28



- NOTES:
- 1) METAL DEPTH 500 MAX.
 - 2) BATH AREA 2500 W X 4250 L.
 - 3) MELT SLOPE 2000 X 2000.
 - 4) HEARTH DOOR OPENING
1700 W X 1250 H.
 - 5) HEARTH BURNER 45 TH/HR.
 - 6) HEARTH MELT RATE 1000 KG/HR.
 - 7) HOLDING WELL BURNER 80 TH/HR.

TTC

Thermal Technology Consultancy Ltd.
14 South Way
Newhaven
E. Sussex BN9 9LL
Tel: 01273 - 512668
Fax: 01273 - 513043

12t HOLDING FURNACE
WITH MELT SLOPE.

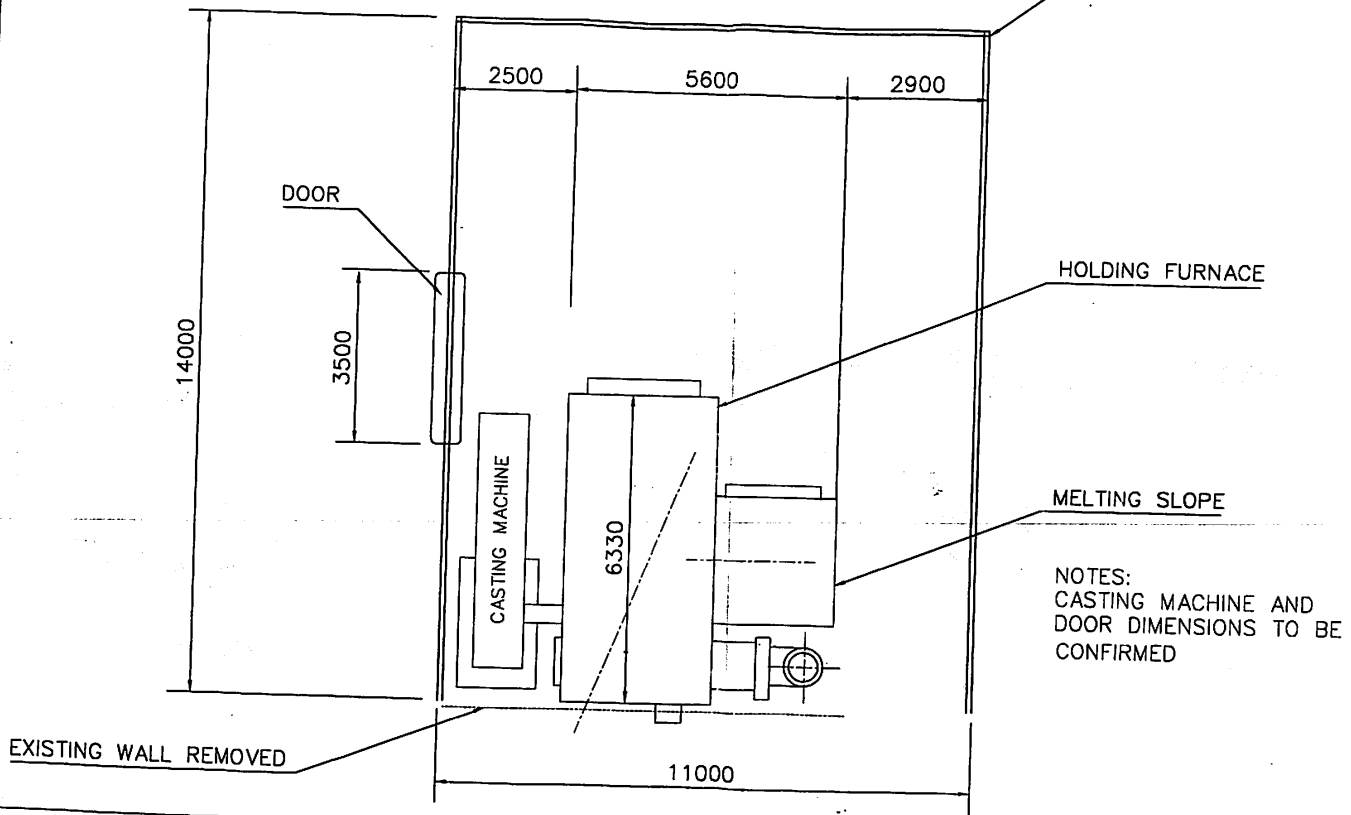
DESIGN C.H.	CLIENT	CONTRACT REF	MATL	DATE	SCALE NOT TO SCALE
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DRAWING NO: GA - 24596/A

PAX SENT BY : 01273 308837
 CLIVE HALL
 01273 308837-39
 PG: 3

BLOCK PLAN

BUILDING



HOLDING FURNACE

MELTING SLOPE

NOTES:
CASTING MACHINE AND
DOOR DIMENSIONS TO BE
CONFIRMED

EXISTING WALL REMOVED

TTC

Thermal Technology Consultancy Ltd.
14 South Way
Newhaven
E. Sussex BN9 9LL
tel: 01273 - 512888
fax: 01273 - 513043

PLAN LAYOUT OF
12T HOLDING FURNACE

DRAWN	CLIENT	CONTRACT REF	MATL.	DATE	SCALE
C.H.					NOT TO SCALE

DRAWING NO: GA - 24596

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*

..... Mil-Ver Metal Co. Ltd.
..... Coronel Avenue
..... Rowleys Green Industrial Estate
..... Coventry CV6 6AP

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

..... Mil-Ver Metal Co. Ltd. (1634739)
..... Hampson Court
..... 77 Birmingham Road
..... West Bromwich
..... West Midlands B70 6PY

* 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) :

..... As 1. Above
.....
.....
.....

3. Address for correspondence if different from 1

..... N/A
.....
.....
.....

ENVIRONMENTAL SERVICES DEPT.		
16 JUN 1992		
REF. TO	ACK.	REPLY

4. List of maps or plans enclosed with the application showing the location of the premises where the process is or will be carried on.

- 1 x Ordinance Survey Map.....
- 1 x Plans showing equipment sites.....
-
-

Where the process is or will be carried on only part of the premises whose address is given at 2 above, either describe which part of the premises or list the plan(s) which identifies these parts.

- As above.....
-
-
-

5. List of attached documents comprising part of the application **

- 1 x Plan (Number 1).....
- 1 x Question 5 continuation sheet.....
- 1 x Plan showing equipment sites.....
-
-
-
-
-

(use continuation sheet if necessary)

** Regulation 2 of the Environmental Protection (Applications, Appeals and Registers) regulations 1991 requires that all applications must include the following information (for guidance on these requirements see General Guidance note No 3) - "Secretary of State's Guidance: Application and Registers", HMSO. 1991):-

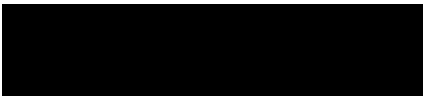
5 a. - description of the prescribed process

- 5 b. - 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
- 5 c. - 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
- 5 e. - details of any proposed release of such a substance into the air and an assessment of the environmental consequences
- 5 f. - proposals for monitoring any release of such substances, the environmental consequences or any such release and the use of techniques for preventing (etc)?? releases
- 5 g. - 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)
 £ 1600.00.....

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



.....
 12.6.92

(Signature)

(Date)

pol/kc25032ms

ENVIRONMENTAL SERVICES FORM

Question 5 Continuation sheet

5 a. Description of prescribed process

The manufacture of primary and secondary based aluminium alloys from clean and contaminated forms of aluminium scrap. Both oil fired and induction furnaces are used in conjunction with after-burners.

5 b. Release of Substances to atmosphere

Careful temperature controlled combustion, together with efficient burners, create low levels of the following emissions:

Particulate matter
Oxides of Nitrogen
Sulphur Dioxide
V.O.C.'s (Volatile Organic Compounds)

5 c. Techniques used

i) 1 X Induction Furnace

As only clean or slightly contaminated grades of scrap are melted, an after-burner is employed to minimise any releases to atmosphere.

ii) 1 X Holding Furnace

As this furnace purely hold molten metal, by using oil-fired burners, no treatment of emissions is carried out. Fume is released directly to atmosphere.

iii) 2 X Sloping Hearth Furnaces

The material melted in these furnaces is contaminated. The design of the furnaces gives an afterburning effect before emissions are drawn out of the furnace. The furnace emissions pass through an oil-fired afterburner.

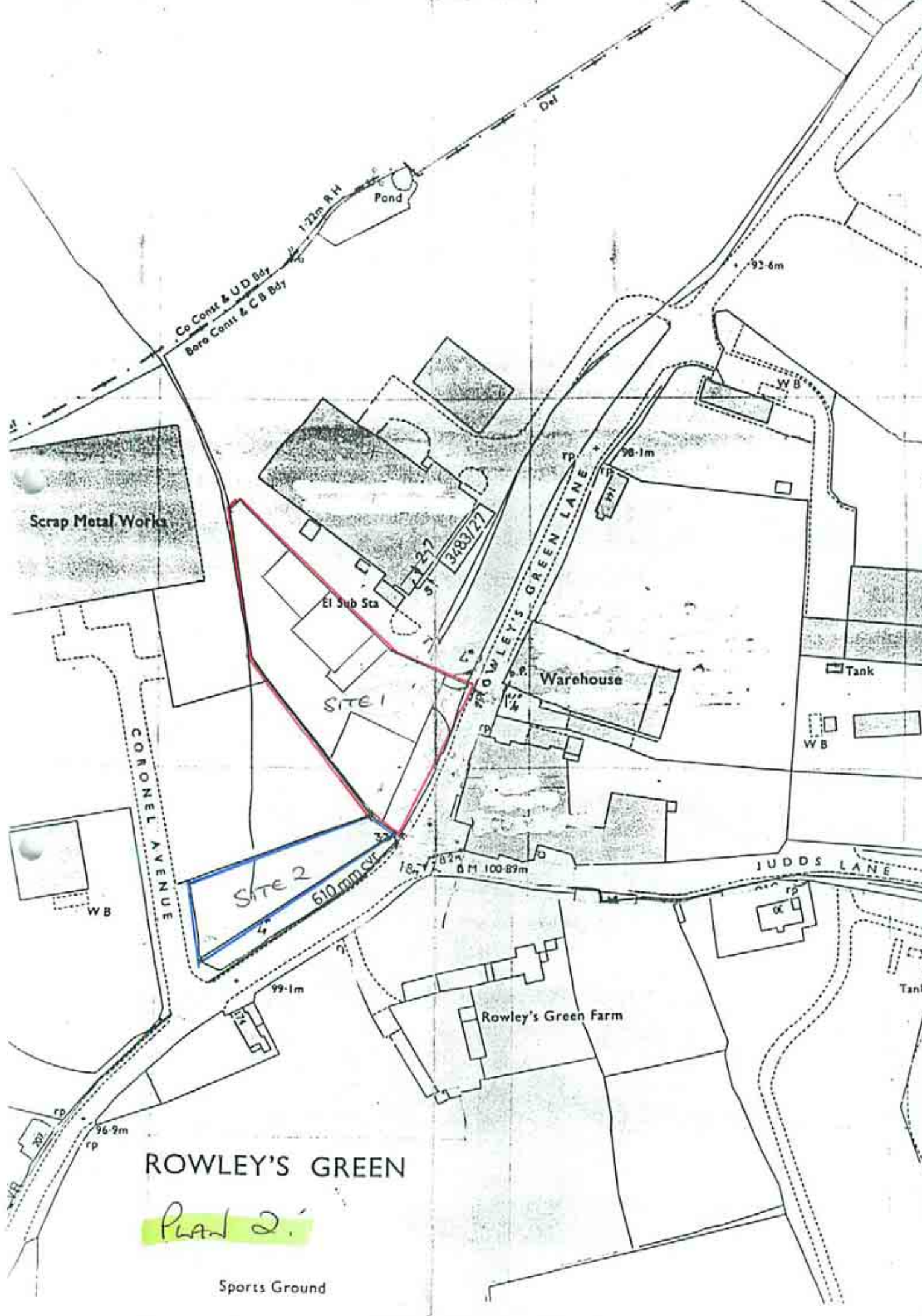
iv) Drosses

Dross is extracted from all of the above furnaces at various stages. Dross is skimmed into holding bins and allowed to cool in open areas. Once cooled the bins are tipped into lorry skips.

5 d.)

5 e.) At this stage we are unable to comment on these questions.

5 f.)



ROWLEY'S GREEN

Plan 2.

Sports Ground