

SOLVENT USAGE JAN -DEC 2000

<u>SOLVENT</u>	Vapour Pressure Kpa at 20C	Opening Balance kg	Receipts kg	Usage kg	Closing Balance kg
ACETONE	24.7	1560.7	49205	43613	7152.7
ISOPARAFFINS	0.08	650.3	326739.5	317980.9	9408.9
PROPYL ALCOHOL	4.16	939.9	37503.2	31291	7162.1
HEPTANES	9.9	0	117212	111648	5564
C6/C7 HYDROCARBON	23	46894.931	2459811.3	2465696.2	41010
INDUSTRIAL METHYLATED SPIRITS	5.81	420.8	7902	7258.9	1063.9
TOTAL SOLVENTS		50466.631	2998373	2977488	71361.6

St Neots Emissions Spreadsheet: Summary of Emissions Estimates January- December 2000

Calculated for following period:

Start Date: Jan-00

End Date: Dec-00

Emission Group	Estimation Technique	VBS E% Max	VBS E% Actual	Estimated Emission, Kg/Yr
Solvent Storage Tanks	EPA AP-42 Breathing & Loading	100%	0%	2,008
Mixers: Solvent Loading	EPA AP-42 Loading	100%	100%	-
Mixers: Solids Loading & Solvation	EIIP Model	0%	0%	6,731
Bulk Tanks: SF Loading	EPA AP-42 Loading	100%	75%	4,006
Bulk Tanks: Homogenization	EPA AP-42 Loading	100%	100%	-
Bulk Tanks: Breathing	EPA AP-42 Breathing	0%	0%	727
Bulk Packing	EPA AP-42 Loading	100%	75%	310
Tote Packing	EPA AP-42 Loading	100%	75%	176
Drum Packing	EPA AP-42 Loading	0%	0%	5,545
Misc. Packing	EPA AP-42 Loading	0%	0%	70
Total Plant				19,573

St. Neots VOC Emissions Inventory for JANUARY- DECEMBER 2000

Input Data Sheet

Period for Calculation

Start Date: Jan-00

End Date: Dec-00

Solvent Receipts

	<u>Mtl.</u>	<u>Kg. Received</u>	<u>Excel Var.</u>
ST 1	PENTO	117,212	tank1
ST 2	SQUO	1,229,905	tank2
ST 3	SQUO	1,229,905	tank3
ST 4	ACET	49,205	tank4
ST 6	IPA	37,503	tank6
ST 7	SOX	7,902	tank7

Solvent Used in SLC Production

	<u>Mtl.</u>	<u>Kg. Used</u>	<u>Excel Var.</u>
	ACET	43,613	acet
	IPA	31,291	ipa
	PENTO	111,648	pento
	SOX	7,259	sox
	SQUO	2,465,696	squo

Solvent Production

	<u>Kg. Produced</u>	<u>Excel Var.</u>
All SLC	4,705,706	slc

SLC Packaging

	<u>Kg. Produced</u>	<u>Excel Var.</u>
Bulk	772,940	bulk
IBCs	437,804	ibc
Drums	3,451,693	drum
All Other	43,269	other

Results of Annual VBS Monitoring

	<u>Monitored E%</u>	<u>Excel Var.</u>
Mixer solvent loading	100%	mixer_e
BT SF loading	75%	btsf_e
BT homogenization	100%	bthomo_e

MAR
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD
CROMWELL ROAD, ST. NEOTS.
CAMBS. PE192ER

Contact: MR. G. DRAPER
(01480) 324459

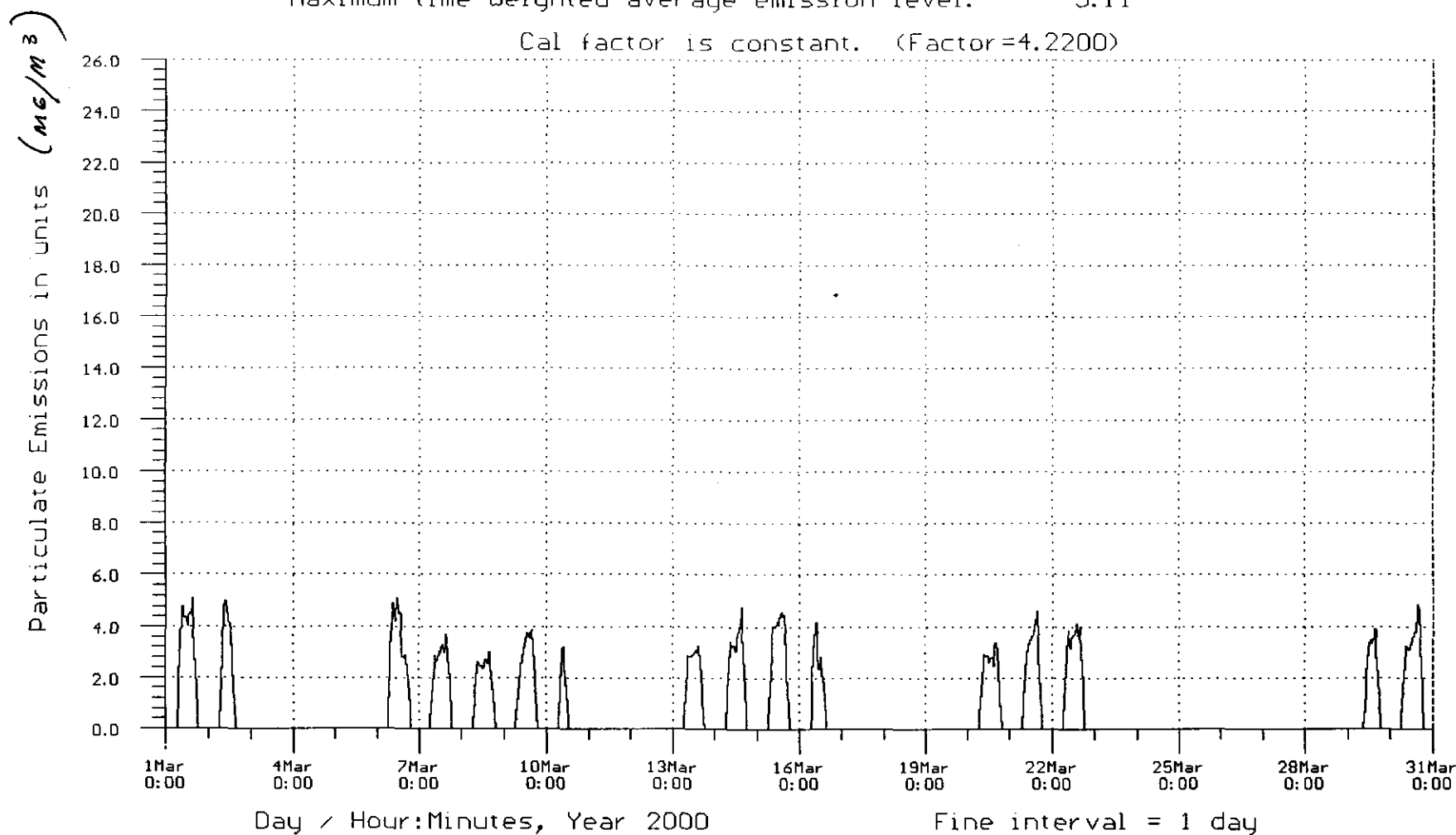
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.20

Maximum time-weighted average emission level: 5.11

Cal factor is constant. (Factor=4.2200)



APR
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD
CROMWELL ROAD, ST. NEOTS.
CAMBS. PE192ER

Contact: MR. G. DRAPER
(01480) 324459

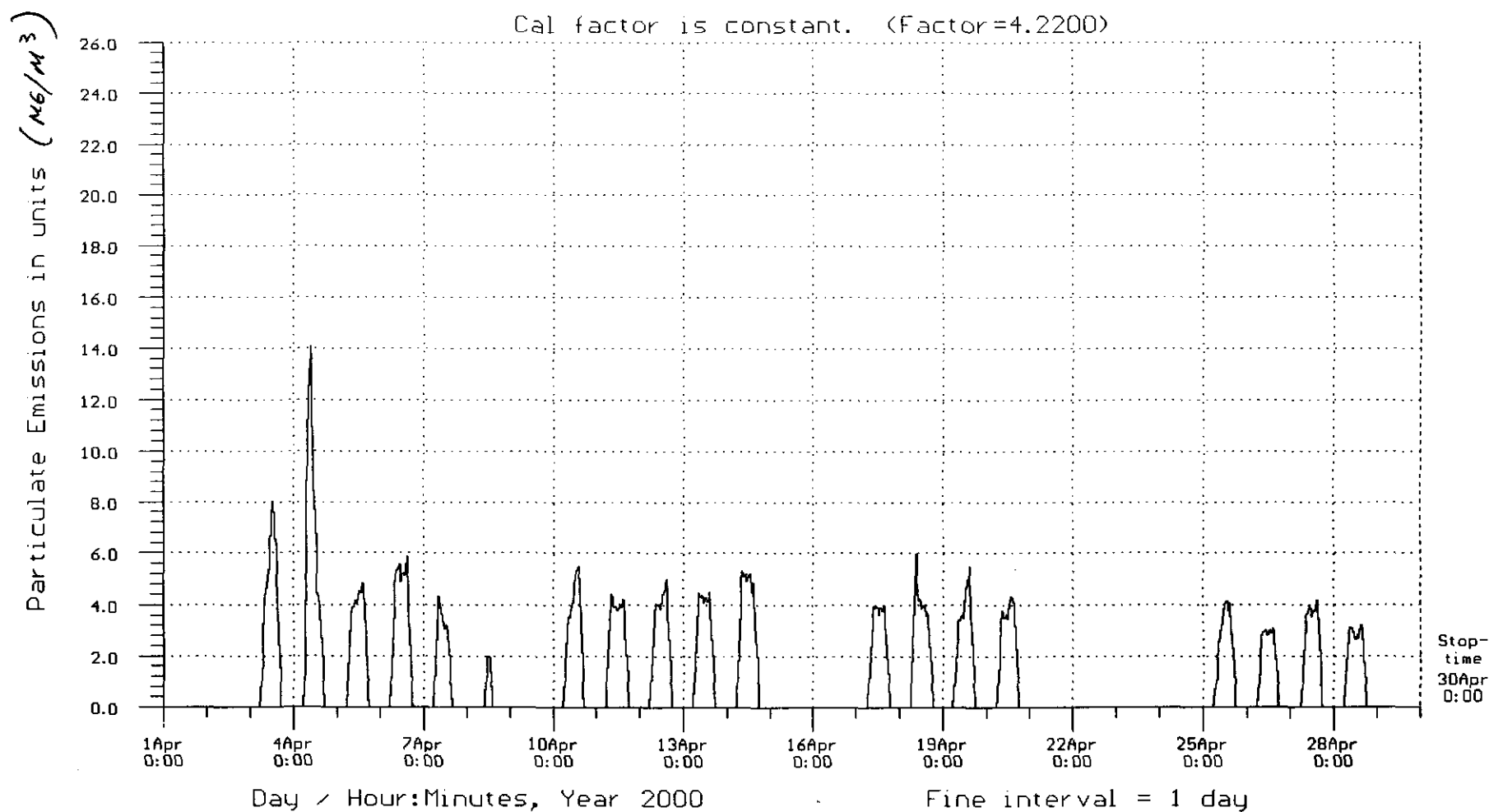
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.51

Maximum time-weighted average emission level: 14.06

Cal factor is constant. (Factor=4.2200)



MAY
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD
CROMWELL ROAD, ST. NEOTS.
CAMBS. PE192ER

Contact: MR. G. DRAPER
(01480) 324459

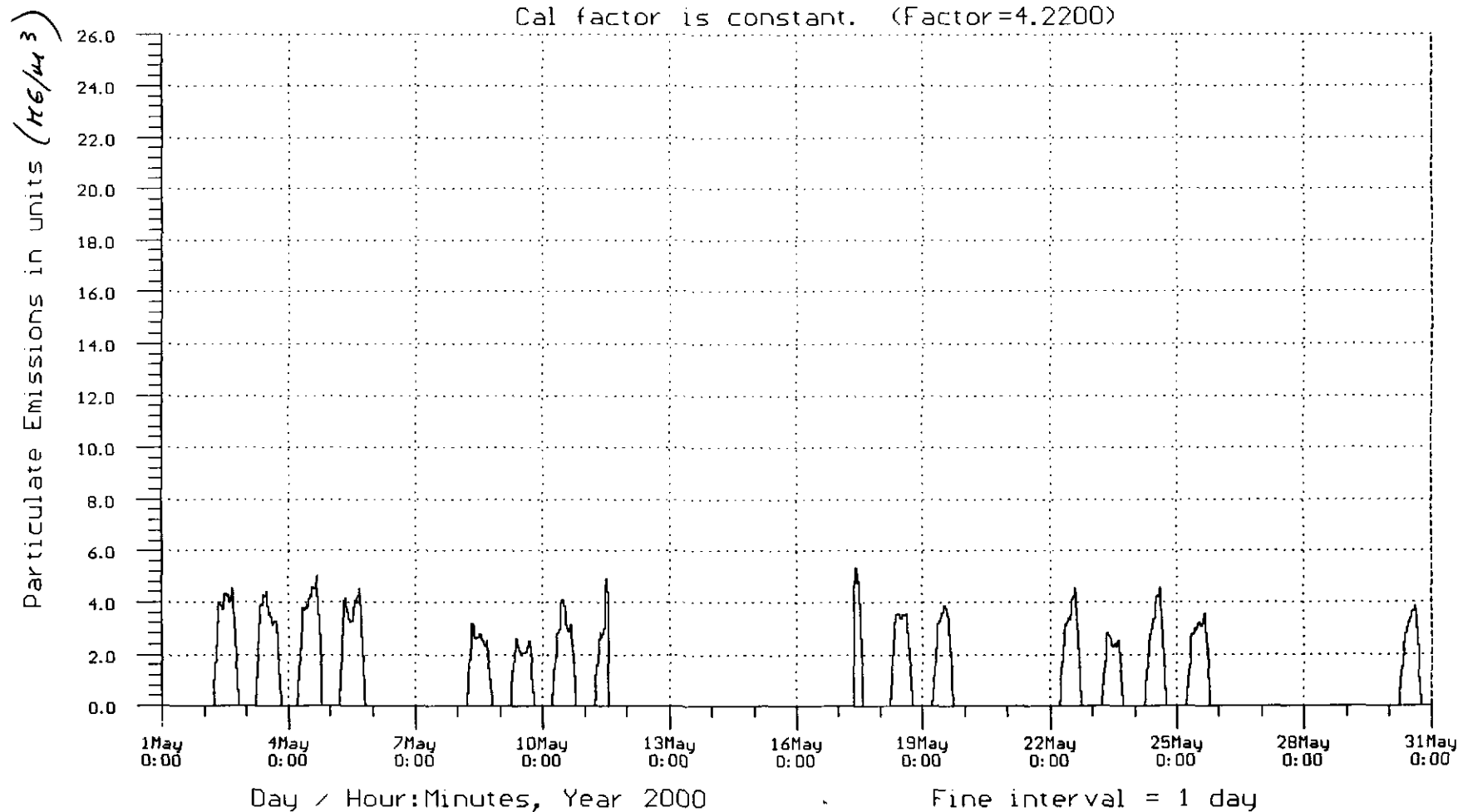
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.41

Maximum time-weighted average emission level: 5.36

Cal factor is constant. (Factor=4.2200)



JUN
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD
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Contact: MR. G. DRAPER
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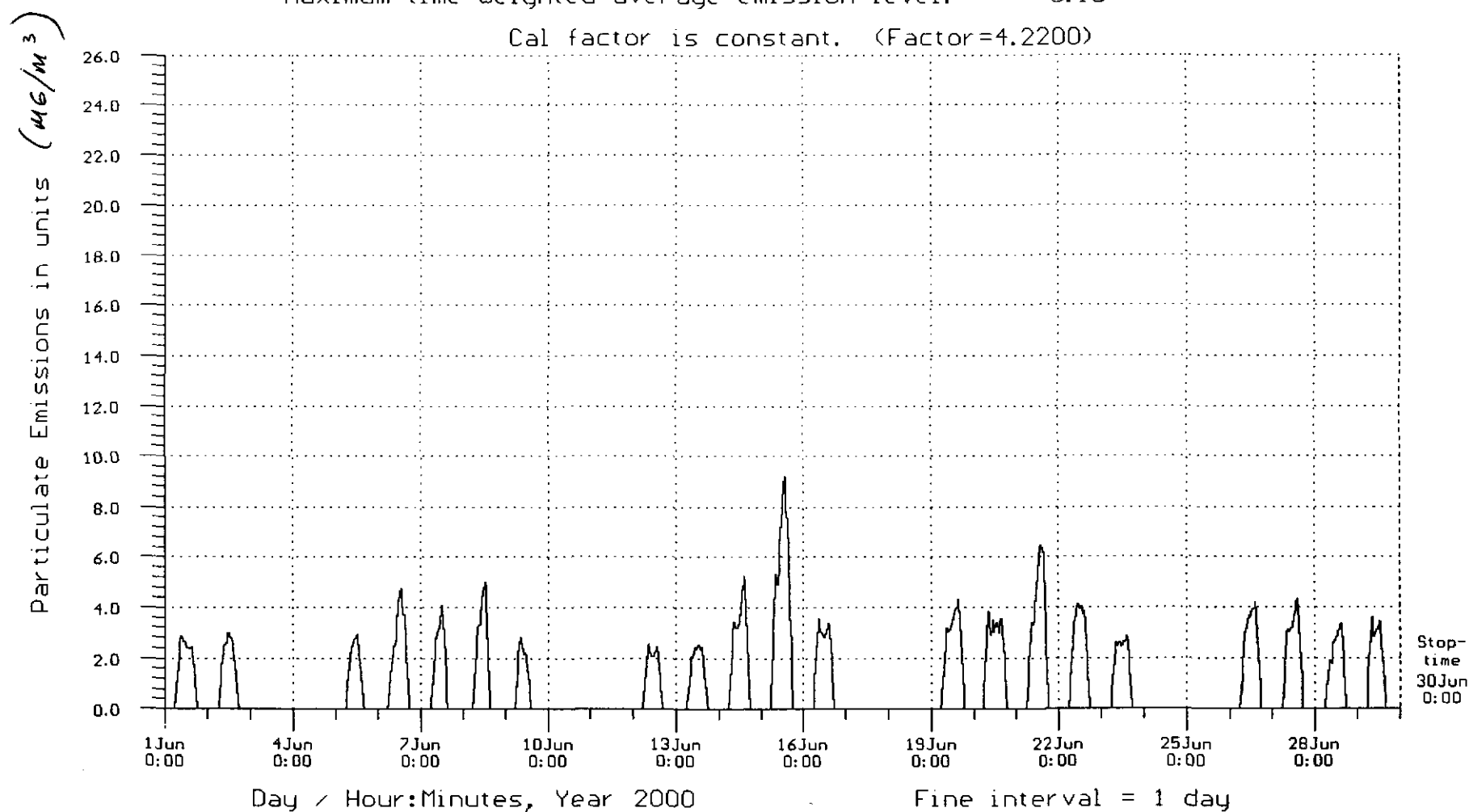
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.34

Maximum time-weighted average emission level: 9.15

Cal factor is constant. (Factor=4.2200)



JUL
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD

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CAMBS. PE192ER

Contact: MR. G. DRAPER

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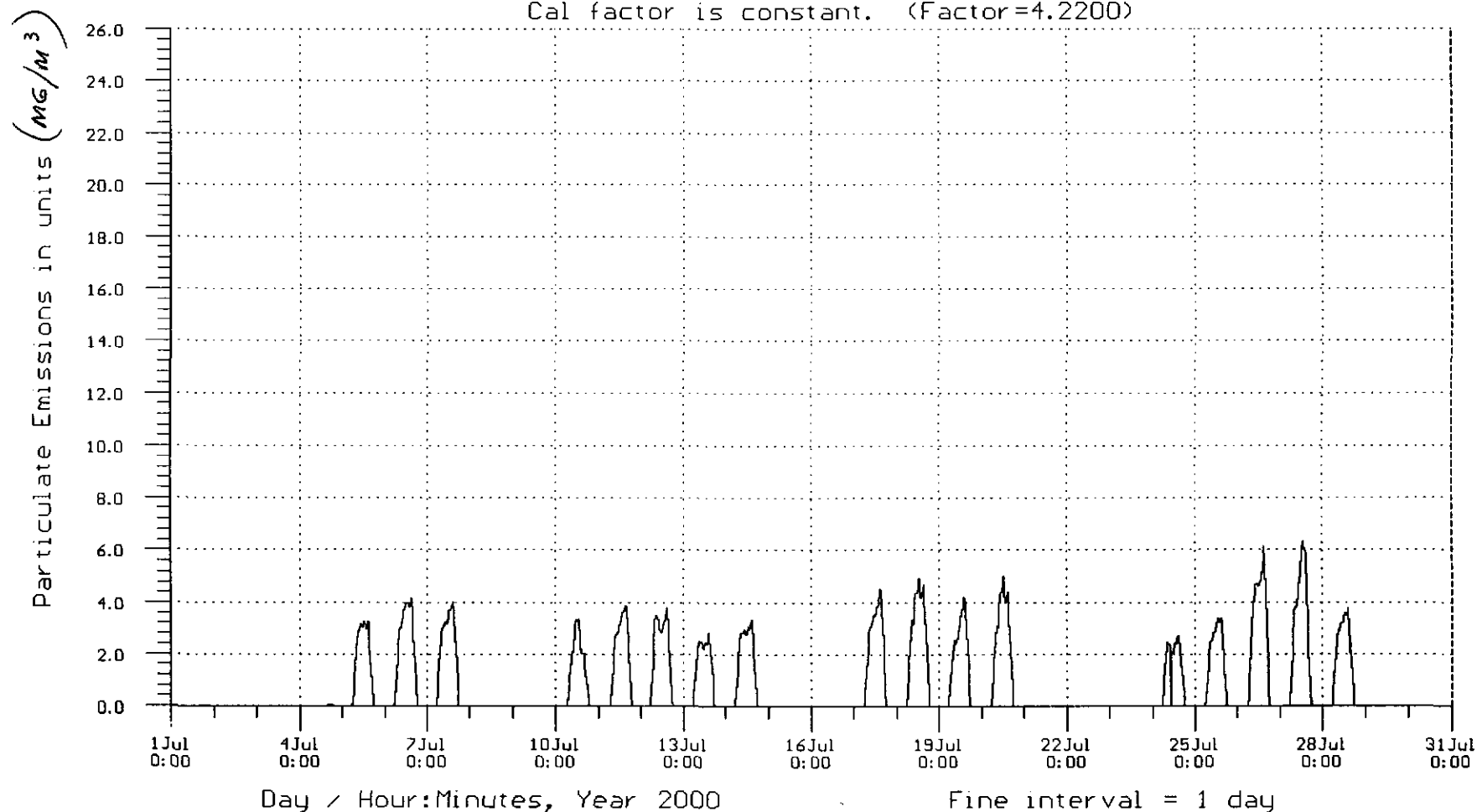
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.22

Maximum time-weighted average emission level: 6.33

Cal factor is constant. (Factor=4.2200)



AUG
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD

CROMWELL ROAD, ST. NEOTS.

CAMBS. PE192ER

Contact: MR. G. DRAPER

(01480) 324459

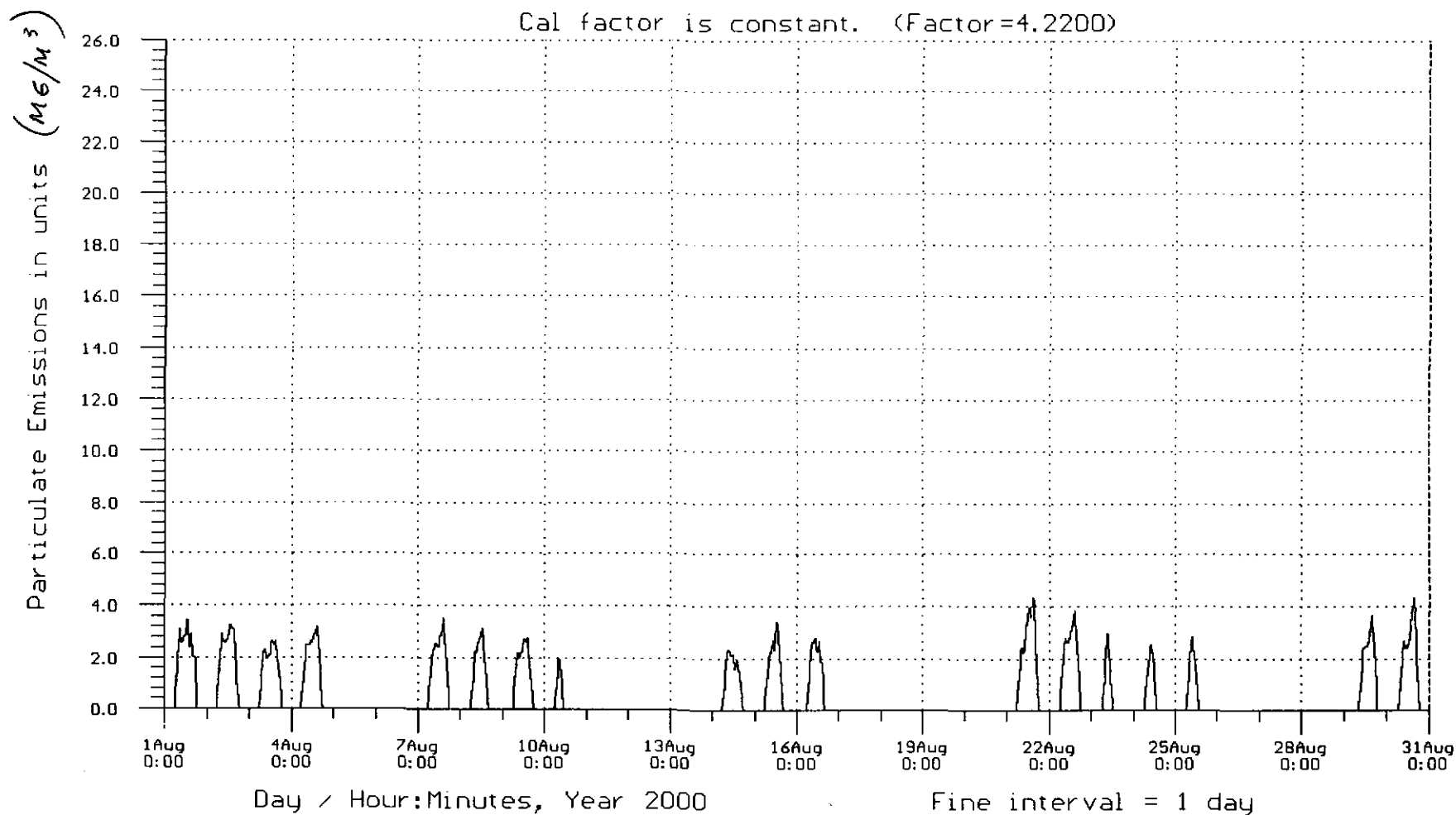
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 0.944

Maximum time-weighted average emission level: 4.31

Cal factor is constant. (Factor=4.2200)



SEP
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD

CROMWELL ROAD, ST. NEOTS.

CAMBS. PE192ER

Contact: MR. G. DRAPER

(01480) 324459

EPA authorisation number(s):

Requested Data averaging time period:

3.00 hours

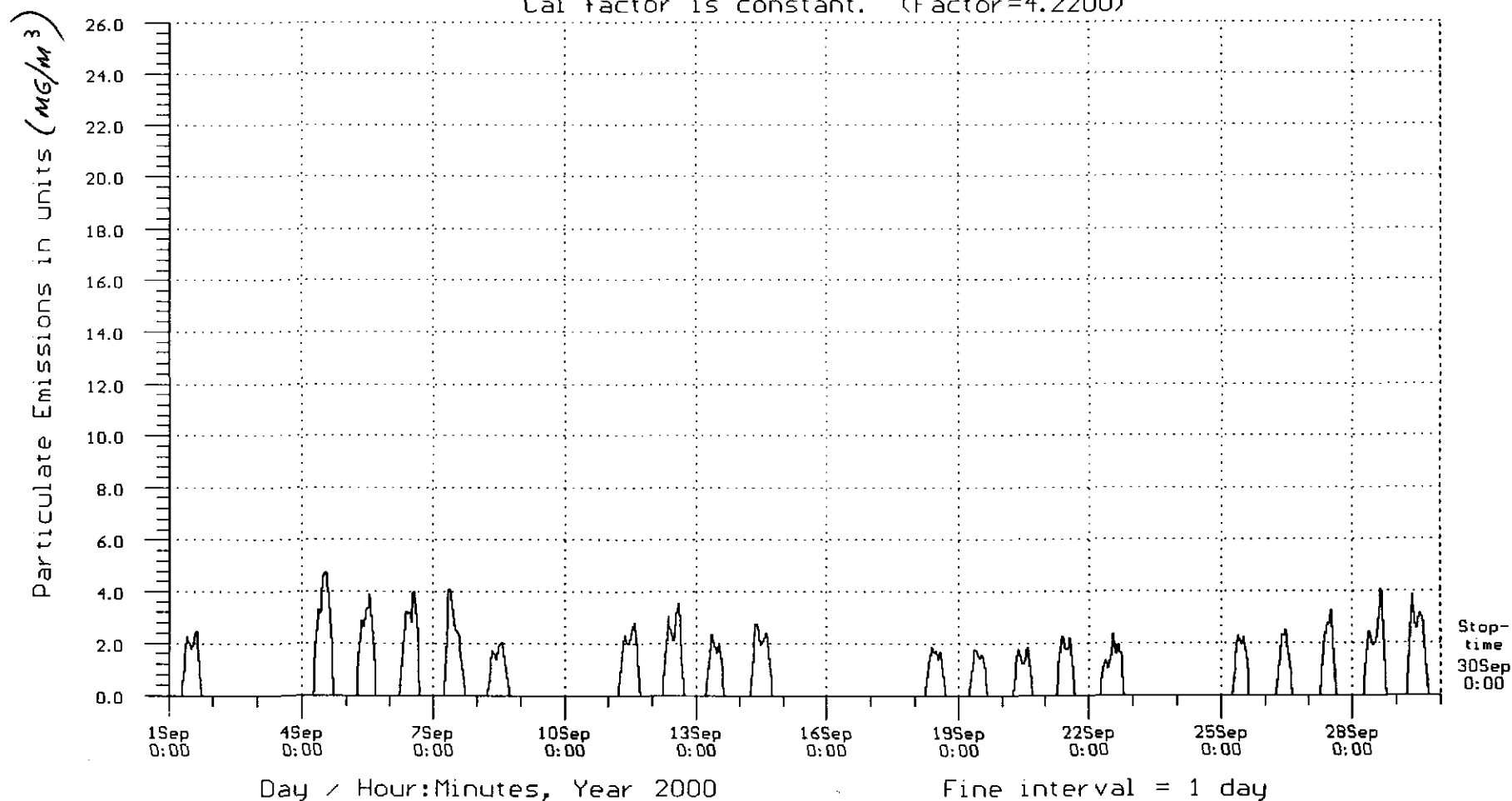
Average emission level:

0.924

Maximum time-weighted average emission level:

4.75

Cal factor is constant. (Factor=4.2200)



OCT
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD

CROMWELL ROAD, ST. NEOTS.

CAMBS. PE192ER

Contact: MR. G. DRAPER

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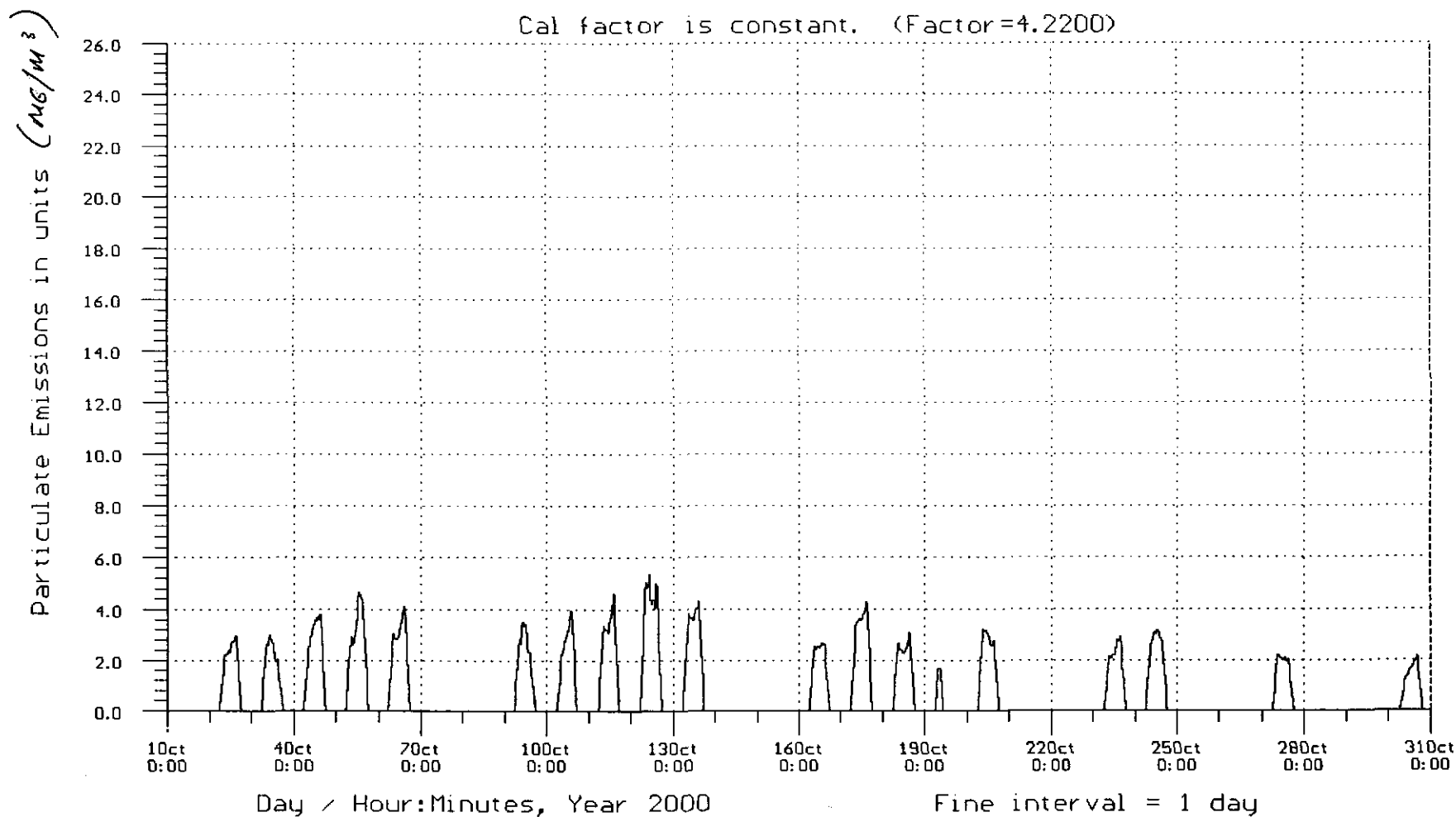
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.07

Maximum time-weighted average emission level: 5.36

Cal factor is constant. (Factor=4.2200)



NOV
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD
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Contact: MR. G. DRAPER
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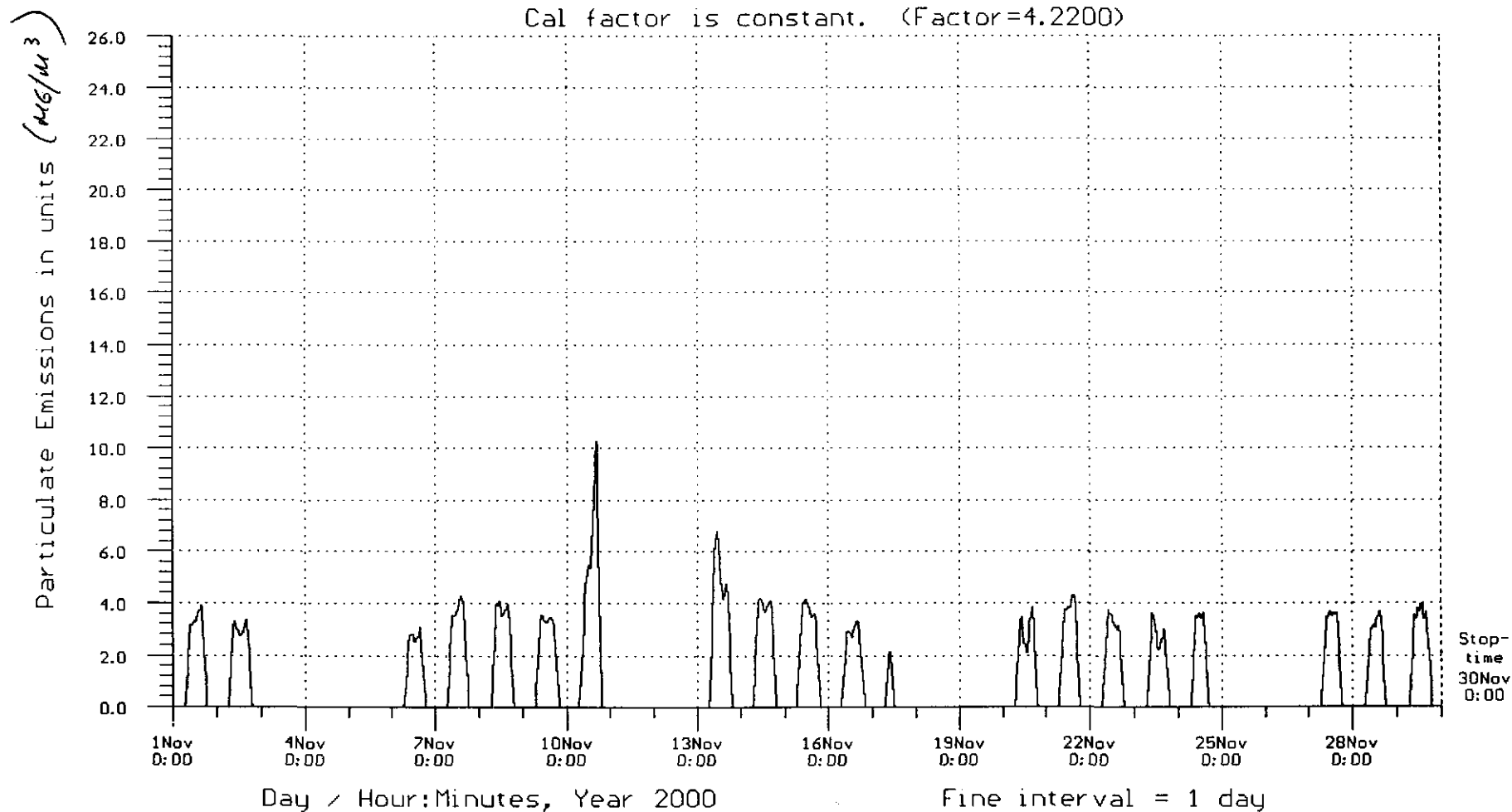
EPA authorisation number(s):

Requested Data averaging time period: 3.00 hours

Average emission level: 1.45

Maximum time-weighted average emission level: 10.24

Cal factor is constant. (Factor=4.2200)



DEC
2000

E P A R E P O R T Channel: CH01 (Address 01) (revision 6.2e 07.03.2000)

Date: 25 May 2001

Company: DAREX UK LTD

CROMWELL ROAD, ST. NEOTS.

CAMBS. PE192ER

Contact: MR. G. DRAPER

(01480) 324459

EPA authorisation number(s):

Requested Data averaging time period:

3.00 hours

Average emission level:

0.919

Maximum time-weighted average emission level:

5.56

Cal factor is constant. (Factor=4.2200)

