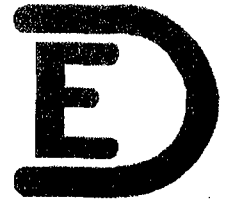


Dust Environmental (Engineering) Limited



Reg No: 70557

VAT No: 343 2993 45

Telephone: (01924) 263453

Fax No: (01924) 263818

E.Mail: admin@-control.co.uk

Unit 2, Ashley Industrial Estate, Wakefield Road, OSSETT, West Yorkshire WF5 9JD

Our Ref.

Your Ref.

Date.

ISO-KINETIC SAMPLING (1)

COMPANY NAME: SUNDOWN STRAW PRODUCTS LTD

**ADDRESS: STATION ROAD
TILBROOK
HUNTINGDON
CAMBS.
PE18 6YN**

REF. NO. W9328

TEL No. 01480 860745

FAX No. 01480 860781

PLANT: PNEUMATIC TUB TRANSFER SYSTEM

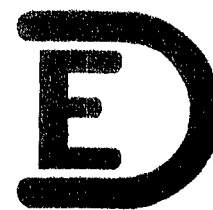
ARRESTMENT PLANT: PRIMARY H.E. CYCLONE

AUTHORISATION: MR. BRIAN PORTER

TEST BY: G M TEAL

SIGNATURE:

DATE: 14 AUGUST 2002

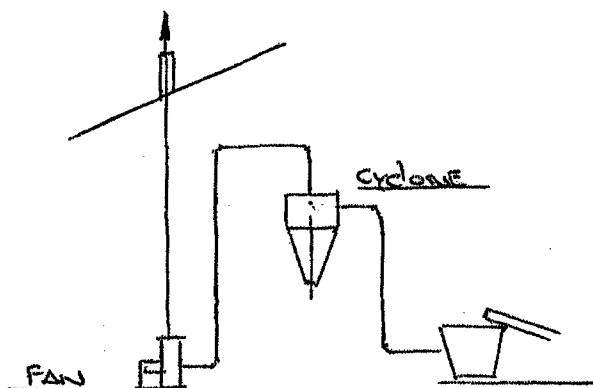


ISO-KINETIC SAMPLING (2)

SITE / LOCATION : SUNDOWN STRAW PRODUCTS LTD
 HUNTINGDON
 CAMBS. PE18 6YN

DATE: 14 AUGUST 2002
 REF. NO. W9320

GENERAL LAYOUT: TUB TRANSFER



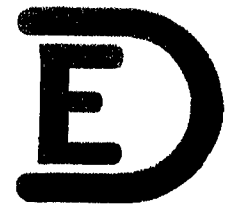
WAS THERE COMPLIANCE WITH
 BS3405:1983 YES: NO:

IF NO STATE REASON:

EMISSION RESULTS

		1 st TEST	2 nd TEST	MEAN
TEMPERATURE	°C	32.0	33.0	32.5
VELOCITY	m/s	17.2	17.9	17.5
WEIGHT OF PARTICULATES COLLECTED	mg	616	512.4	564.2
AIRFLOW RATE	m ³ /s	1.65	1.72	1.68
RATE OF MASS EMISSION	g/hr	1307	1746	1526
EMISSION CONCENTRATION	mg/m ³	220	244	232

REF CONDITIONS	32.5°	3.2KPA	26%RH	O ² %	OTHER
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REF NO. W9320

ISO-KINETIC SAMPLING (3)

COMPANY / SITE: SUNDOWN STRAW PRODUCTS LTD

TEST NO. 3.1 TUB TRANSFER

DATE: 14 AUGUST 2002

TIME / DURATION 10.45 TO 11.05

PRODUCT: 3 TONNE/HOUR

AIRFLOW: 1.65M³/S

SAMPLE DRIED AND WEIGHED

B5

**AFTER 118.5940
BEFORE 118.4460**

.1480

= 148.0

B5

**AFTER 74.0225
BEFORE 73.5545**

.4680

= 468.0

TOTAL COLLECTED IN 20 MINUTES = 616

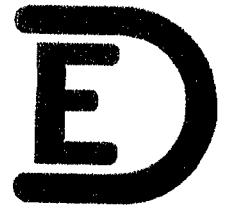
SAMPLE VOLUME = .14m³/m

DUST LEVEL = 616

20 x .14

=

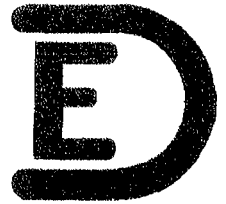
TOTAL = 220 mg/m³



REF NO. W9320

COMPANY / SITE: SUNDOWN STRAW PRODUCTS LTD	
TEST NO. 3.2 TUB TRANSFER	DATE: 14 AUGUST 2002
TIME / DURATION 11.15 TO 11.30	
PRODUCT: 3 TONNE/HOUR	
AIRFLOW: 1.72M³/S	
<u>SAMPLE DRIED AND WEIGHED</u>	
B7	<p>AFTER 118.9644 BEFORE 118.9201</p> <hr style="width: 20%; margin-left: auto; margin-right: auto;"/> <p style="text-align: center;">.0443</p> <p style="text-align: right;">= 44.3</p>
B7	<p>AFTER 74.3499 BEFORE 73.8818</p> <hr style="width: 20%; margin-left: auto; margin-right: auto;"/> <p style="text-align: center;">.4681</p> <p style="text-align: right;">= 468.1</p>
TOTAL COLLECTED IN 20 MINUTES = 512.4	
SAMPLE VOLUME = .14m³/m	
DUST LEVEL = 512.4	<div style="border: 1px solid black; padding: 5px; display: inline-block;">TOTAL 244 mg/m³</div>
$\frac{512.4}{15 \times .14} =$	

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Our Ref.

Your Ref.

Date.

ISO-KINETIC SAMPLING (I)

COMPANY NAME: SUNDOWN STRAW PRODUCTS LTD

**ADDRESS: STATION ROAD
TILBROOK
HUNTINGDON
CAMBS
PE18 6YN**

REF. NO. W9320

TEL No. 01480 860745

FAX No. 01480 860781

PLANT: PELLET COOLER SYSTEM

ARRESTMENT PLANT: PRIMARY H.E. CYLCONE

AUTHORISATION: MR. BRIAN PORTER

TEST BY: G.M. TEAL

SIGNATURE:

DATE: 14 AUGUST 2002

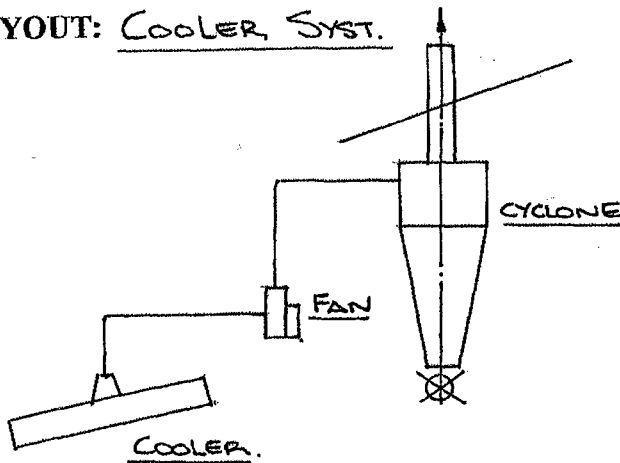
E

ISO-KINETIC SAMPLING (2)

SITE / LOCATION : SUNDOWN STRAW PRODUCTS LTD
HUNTINGDON
CAMBS. PE18 6YN

DATE: 14 AUGUST 02
REF. NO. W9320

GENERAL LAYOUT: COOLER SYST.

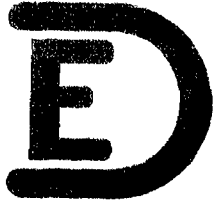


WAS THERE COMPLIANCE WITH
BS3405:1983 YES: NO:

IF NO STATE REASON:
STANDARD TEST POINTS NOW
FITTED BUT PROBE TOO LONG FOR
NW POINT.
HOWEVER FITTURE IN LINE WITH
PREVIOUS RESULTS

EMISSION RESULTS		1 st TEST	2 nd TEST	MEAN
TEMPERATURE	°C	28.5		28.5
VELOCITY	m/s	16.6		16.6
WEIGHT OF PARTICULATES COLLECTED	mg	123		123
AIRFLOW RATE	m ³ /s	6.31		6.31
RATE OF MASS EMISSION	g/hr	867		1037
EMISSION CONCENTRATION	mg/m ³	38.2		38.2

REF CONDITIONS	28.5°C	2.9KPA	62%RH	O ² %	OTHER
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REF NO. W9320

ISO-KINETIC SAMPLING (3)

COMPANY / SITE: SUNDOWN STRAW PRODUCTS LTD

TEST NO. 1.1

DATE: 14 AUGUST 2002

TIME / DURATION: 09.21 to 09.44

PRODUCT: 3 TONNE/HOUR

AIRFLOW: 6.31 M³/S

SAMPLE DRIED AND WEIGHED

B3

AFTER	118.1347	
BEFORE	118.1011	
	<hr/>	
	.0336	
		= 33.6

B4

AFTER	73.9998	
BEFORE	73.9104	
	<hr/>	
	.0894	
		= 89.4mg

TOTAL COLLECTED I N 23 MINUTES = 123 mg

SAMPLE VOLUME = .14m³/m

DUST LEVEL = 123

	<hr/>	=	
	23 x .14		

TOTAL 38.2 mg/m³