

Fay Rushby

From: Haydn Parker <Haydnparker@universalservicesuk.co.uk>
Sent: 21 January 2013 13:54
To: 'fay@ehrc.org.uk'
Cc: John Royce; Paul Cookson
Attachments: D_18d_2_EMS Measurables for Fay MDC.xls; 052g LEV 008 Degreasing tank for Fay MDC.doc; 2012 COSHH LEV Testing - Action Plan - Issue 1 for Fay MDC.doc

Good afternoon Fay,

Subject documents attached per your request to our Paul Cookson last Thursday.

Kind regards

Haydn

Haydn Parker
External Consultant HSEQ

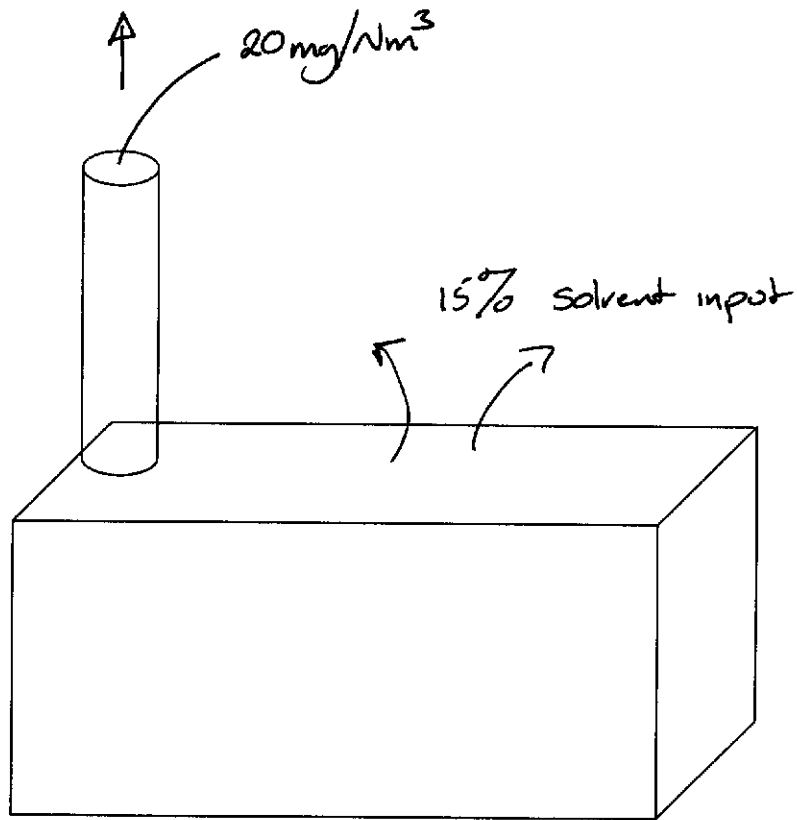


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$$= 873.60 \text{ kg/yr}$$



24hr operation @ flow of $1034 \text{ m}^3/\text{hr}$

30t in use flow

out of use flow

- ∴
- 1) find emission of stack using tank
 - 2) " " " " @ idle
 - 3) remainder = fugitive emission.

Item No.: 052g LEV 008 Degreasing tank for Fay MDC

Location: Finishing

Operation: Test and Certification

Print Date: 27/01/13

Page: 1 of 1

Record

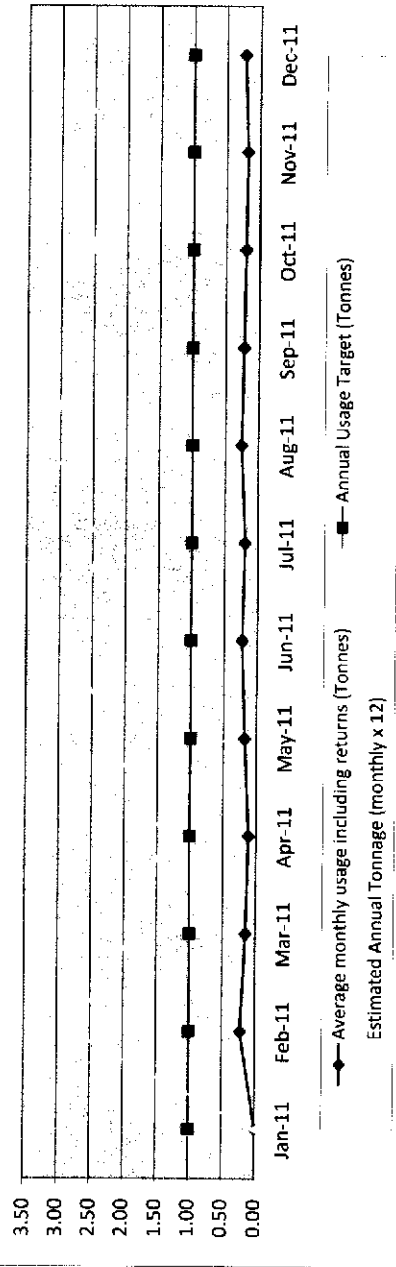
20/08/2012	Equipment inspected and LEV tested by IP&PS in July 2012; see IP&PS 2012 report and <u>2012 COSHH LEV Testing - Action Plan - Issue 1</u> .
17/10/2011	Equipment inspected and LEV tested by IP&PS on 16/09/2011; see their 2011 report and <u>2011 COSHH LEV Testing - Action Plan</u> . Note from Colin on 31/10/2011 "Arranged sampling Stowlin Croftshaw – see John R & reports"
09/08/2010	Equipment inspected and LEV tested by IP&PS on 14/06/2010; See their 2010 Report and extract filed here.
01/09/09	Inspected and tested by IP&PS on 16/06/09 and failed due to insufficient capture velocity at centre of open tank.
19/10/09	See email of 19/10/09 to IP&PS.
18/01/2010	See email of 18/01/2010 to IP&PS.

ITEM REF.	LOCATION from IP&PS 2012 Report	ESSENTIAL REMEDIAL WORK REQUIRED (HIGH PRIORITY) from IP&PS 2011 Report	COMMENTS AND RECOMMENDATIONS from IP&PS 2011 Report	ESSENTIAL REMEDIAL WORK REQUIRED (HIGH PRIORITY) from IP&PS 2012 Report	COMMENTS AND RECOMMENDATIONS from IP&PS 2012 Report	MANAGEMENT ACTION DECISION TO BE ADDED TO INDIVIDUAL RECORDS
LEV 007	Portable unit.	None.	<p>The system airflow should be regularly monitored in accordance with HSE requirements.</p> <p>The fitting of a pressure gauge to indicate static pressure and assist with regular checking is recommended.</p> <p>A 125mm diameter flexible duct is required to match the spigot sizes.</p>	None.	<p>- The system airflow should be regularly monitored in accordance with HSE requirements.</p> <p>- The fitting of a pressure gauge to indicate static pressure and assist with regular checking is recommended.</p>	None.
LEV 008	Degreasing tank	<p>The reduction in air flow to reduce stack emission has resulted in an unacceptable low capture velocity across the tank – see qualitative checks for remedial action required.</p>	<p>The flow at the tank should be regularly monitored in accordance with HSE requirements.</p> <p>The fitting of a pressure gauge to indicate static pressure and assist with regular checking is recommended.</p>	<p>The reduction in air flow to reduce stack emission has resulted in an unacceptable low capture velocity across the tank – see qualitative checks for remedial action required.</p>	<p>- The flow at the tank should be regularly monitored in accordance with HSE requirements.</p> <p>- The fitting of a pressure gauge to indicate static pressure and assist with regular checking is recommended.</p>	<p>Air sampling has been carried out by Stowlin Croftshaw and an independent source confirming that the current exposure level is acceptable. No further actions planned at this time.</p>

* "The air volume handled has been reduced to lessen stack emissions. A smoke tube test was carried out and it showed that the capture velocity is not sufficient across the face of the tank. The volume flow will need to be increased to provide a adequate control or air sampling carried out to demonstrate that the current exposure level is acceptable."

Count

	1	2	3	4	5	6	7	8	9	10	11	12
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
# Total Units Received	0	2	0	0	2	3	0	3	0	0	0	3
# Total Units Collected	0	0	0	0	0	1	0	0	0	0	0	0
Unit Size (kg)	233	233	233	233	233	233	233	233	233	233	233	233
Total Received (Tonnes)	0.00	0.47	0.00	0.00	0.47	0.47	0.00	0.70	0.00	0.00	0.00	0.70
Cum. (Tonnes)	0.00	0.47	0.47	0.47	0.93	1.40	1.40	2.10	2.10	2.10	2.10	2.80
Average monthly usage including returns (Tonnes)	0.00	0.23	0.16	0.12	0.19	0.23	0.20	0.26	0.23	0.21	0.19	0.23
Annual Usage Target (Tonnes)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Estimated Annual Tonnage (monthly x 12)	0.00	2.80	1.86	1.40	2.24	2.80	2.40	3.15	2.80	2.52	2.29	2.80



Count	1	2	3	4	5	6	7	8	9	10	11	12
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
# Total Units Received	0	0	0	0	2	0	0	0	0	0	0	3
# Total Units Collected	0	1	0	0	0	0	0	0	0	0	0	0
Unit Size (kg)	233	233	233	233	233	233	233	233	233	233	233	233
Total Received (Tonnes)	0.00	-0.23	0.00	0.00	0.47	0.00	0.00	0.70	0.00	0.00	0.00	0.70
Cum. (Tonnes)	0.00	-0.23	-0.23	-0.23	0.23	0.23	0.23	0.93	0.93	0.93	0.93	1.63
Monthly usage including returns	0.00	-0.12	-0.08	-0.06	0.05	0.04	0.03	0.12	0.10	0.09	0.08	0.14
Monthly Usage Target	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Estimated Annual Usage (Monthly Usage x 12)	0.00	-1.40	-0.93	-0.70	0.56	0.47	0.40	1.40	1.24	1.12	1.02	1.63

