

Site:

Year: 2009 -2010

Year: 2009-2010													
Month and Year	Monthly weight of work processed				Monthly weight of solvent used				Monthly solvent emitted per kg of work processed = Total b × 1000 ÷ Total a	Estimated still residue (Use this to check the total for each method of still cleaning against your waste collection notes, adjust the final months figure as necessary to correspond)			
	a				b								
	(kg)				(kg)					(litres)			
	Machine 1	Machine 2	Machine 3	Machine 4	Machine 1	Machine 2	Machine 3	Machine 4	(g/kg)	Machine 1	Machine 2	Machine 3	Machine 4
Oct 09 - Sept 10	9390	5789	0	0	518.40	67.90	0.00	0.00	38.63	360.0			
39783	0	0	0	0	0.00	0.00	0.00	0.00					
39814	0	0	0	0	0.00	0.00	0.00	0.00					
39845	0	0	0	0	0.00	0.00	0.00	0.00					
39873	0	0	0	0	0.00	0.00	0.00	0.00					
39904	0	0	0	0	0.00	0.00	0.00	0.00					
39934	0	0	0	0	0.00	0.00	0.00	0.00					
39965	0	0	0	0	0.00	0.00	0.00	0.00					
39995	0	0	0	0	0.00	0.00	0.00	0.00					
40026	0	0	0	0	0.00	0.00	0.00	0.00					
40057	0	0	0	0	0.00	0.00	0.00	0.00					
40087	0	0	0	0	0.00	0.00	0.00	0.00					
Sub Totals	9390	5789			518.40	67.90				360.0			

Annual Spot Cleaning Correction Factor (see Note 2):	Total annual weight of work processed	Total annual weight of solvent used	Annual total of solvent emitted per kg of work processed
m			
(kg)			
2			
	n	p	q
	= Total a	= Total b + m	= p × 1000 ÷ n
	(kg)	(kg)	(g/kg)
	15179	588.30	38.76

Annual result

Weight of work required to comply with regulations (kg):	29415	Complies with Regulations?	NO
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1. Refer to written explanation of regulations for more details.
2. If solvent borne spot cleaners are used, add 6.5kg for perc or 10kg for other solvents or actual solvent content used, as advised by your Supplier.
3. The centre column provides the weight of solvent in grams emitted per kg of work processed (g/kg), this is needed to satisfy the legal requirement.

Site: **Huntingdon**
Machine: **Perc**

Month and year: **Oct 09 - May 10**

Week ending / Week No.

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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
9390					9390

Solvent used (litres)

					Monthly Total (litres)
					c
540					540

Estimated still residue for month (litres)

d	360
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be

Still Type / Allowance factor

Method of still cleaning		Waste Allowance	Total	Allowance
		e	d	f = e × d
Manual rake out		0.15	0	0
Pumped out	x	0.6	360	216

Nominal Monthly Solvent Use	(litres)	g = c - f	324
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Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be less than 20)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	j = a ÷ g	k = h ÷ j	b = g × (h ÷ 1000)
Perc	x	1600	28.98	55.21	518.40
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : **PROBLEM**

Site: **Huntingdon**
Machine: **Siloxane**

Month and year: **May 10 - Sept 10**

Week ending / Week No.

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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
5789					5789

Solvent used (litres)

					Monthly Total (litres)
					c
70					70

Estimated still residue for month (litres)

d	0
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be

Still Type / Allowance factor

Method of still cleaning		Waste Allowance	Total	Allowance
		e	d	f = e × d
Manual rake out	x	0.15	0	0
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	70
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Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be less than 20)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	j = a ÷ g	k = h ÷ j	b = g × (h ÷ 1000)
Perc		1600			
Siloxane	x	970	82.70	11.73	67.90
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

Solvent Inventory Huntingdon

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	4	1	1503	25/09/2010	0	360	0
1	4	1	1503	18/09/2010	0	387	0
1	4	1	1503	11/09/2010	0	319	0
1	4	1	1503	04/09/2010	0	320	0
1	4	1	1503	28/08/2010	0	215	0
1	4	1	1503	21/08/2010	10	287	0
1	4	1	1503	14/08/2010	0	262	0
1	4	1	1503	07/08/2010	10	314	0
1	4	1	1503	31/07/2010	0	276	0
1	4	1	1503	24/07/2010	20	314	0
1	4	1	1503	17/07/2010	0	321	0
1	4	1	1503	10/07/2010	10	316	0
1	4	1	1503	03/07/2010	0	288	0
1	4	1	1503	26/06/2010	0	296	0
1	4	1	1503	19/06/2010	0	297	0
1	4	1	1503	12/06/2010	20	345	0
1	4	1	1503	05/06/2010	0	283	0
1	4	1	1503	29/05/2010	0	321	0
1	4	1	1503	22/05/2010	0	0	0
1	4	1	1503	15/05/2010	0	268	0
1	4	1	1503	08/05/2010	0	244	0
1	4	1	1503	01/05/2010	30	291	0
1	4	1	1503	24/04/2010	0	309	0
1	4	1	1503	17/04/2010	30	319	1
1	4	1	1503	10/04/2010	0	301	0
1	4	1	1503	03/04/2010	30	292	0
1	4	1	1503	27/03/2010	0	298	0
1	4	1	1503	20/03/2010	30	298	0
1	4	1	1503	13/03/2010	0	361	0
1	4	1	1503	06/03/2010	30	269	0
1	4	1	1503	27/02/2010	0	269	0
1	4	1	1503	20/02/2010	50	301	0
1	4	1	1503	13/02/2010	0	206	0
1	4	1	1503	06/02/2010	40	222	1
1	4	1	1503	30/01/2010	0	334	0
1	4	1	1503	23/01/2010	40	248	0
1	4	1	1503	16/01/2010	0	210	0
1	4	1	1503	09/01/2010	50	280	0
1	4	1	1503	02/01/2010	0	407	0
1	4	1	1503	26/12/2009	0	0	0
1	4	1	1503	19/12/2009	40	293	0
1	4	1	1503	12/12/2009	0	375	1
1	4	1	1503	05/12/2009	40	288	0
1	4	1	1503	28/11/2009	40	610	0
1	4	1	1503	21/11/2009	0	0	0
1	4	1	1503	14/11/2009	0	275	0
1	4	1	1503	07/11/2009	40	332	0
1	4	1	1503	31/10/2009	0	412	0
1	4	1	1503	24/10/2009	50	315	0
1	4	1	1503	17/10/2009	0	400	0
1	4	1	1503	10/10/2009	0	349	0
1	4	1	1503	03/10/2009	0	282	0
Totals					610	15179	3

KEY	
LSOL	Litres of solvent delivered per week
KGDC	Weight of clothes cleaned per week
DRUMS	Number of still residue drums removed per week
	Figure not entered at branch level

TRAINED STAFF	
Susan	Howard
Jane	Baldwin

New GE with still 12/05/2010

2 weeks figures

2 weeks figures

Solvent used(delivered) = 540 Ltrs Perc + 70 Ltrs Siloxane
 Weight of Dry Cleaning = 15179 Kg
 Still residue removal - 3 drums x 120 ltrs = 360 Ltrs
 Spotting chemicals = 2 Ltrs