

Site:

Year: 2009 - 2010

Month and Year	Monthly weight of work processed				Monthly weight of solvent used				Monthly solvent	Estimated still residue (Use this to check the total for each method of still cleaning against your waste collection notes, adjust			
	a				b				l				
	(kg)				(kg)				= Total b × 1000 ÷ Total a	(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
ct 09 - Sept	889	4259	0	0	48.00	70.81	0.00	0.00	23.08	50.0	180.0		
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	889	4259			48.00	70.81				50.0	180.0		

Annual Spot Cleaning Correction Factor (see Note 2):
m
(kg)
0

Total annual weight of work processed	Total annual weight of solvent used
n	p
= Total a	= Total b + m
(kg)	(kg)
5148	118.81

Annual total of solvent emitted per kg of work processed
q
= p × 1000 ÷ n
(g/kg)
23.08

Annual result

Weight of work required to comply with regulations (kg):	5941	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: St Ives
Machine: Perc

Month and year: Oct 09 - Nov 09

Week ending / Week No.

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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
889					889

Solvent used (litres)

					Monthly Total (litres)
					c
60					60

Estimated still residue for month (litres)

d	50
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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	50	30

Nominal Monthly Solvent Use	(litres)	g = c - f	30
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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	29.63	53.99	48.00
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : **PROBLEM**

Site: St Ives
Machine: Siloxane

Month and year: Nov 09 - Sept 10

Week ending / Week No.

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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
4259					4259

Solvent used (litres)

					Monthly Total (litres)
					c
100					100

Estimated still residue for month (litres)

d	180
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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	180	27
Pumped out		0.6	0	0

Nominal Monthly Solvent Use	(litres)	g = c - f	73
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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	58.34	16.63	70.81
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

Solvent Inventory St Ives

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS	
1	4	1	1506	25/09/2010	0	0	0	No processing
1	4	1	1506	18/09/2010	0	0	0	No processing
1	4	1	1506	11/09/2010	0	195	0	
1	4	1	1506	04/09/2010	0	100	0	
1	4	1	1506	28/08/2010	0	182	0	
1	4	1	1506	21/08/2010	0	0	0	No processing
1	4	1	1506	14/08/2010	0	0	0	No processing
1	4	1	1506	07/08/2010	0	0	0	No processing
1	4	1	1506	31/07/2010	0	0	0	No processing
1	4	1	1506	24/07/2010	0	0	0	No processing
1	4	1	1506	17/07/2010	0	0	0	No processing
1	4	1	1506	10/07/2010	0	0	0	No processing
1	4	1	1506	03/07/2010	0	0	0	No processing
1	4	1	1506	26/06/2010	0	0	0	No processing
1	4	1	1506	19/06/2010	0	0	0	No processing
1	4	1	1506	12/06/2010	0	0	0	No processing
1	4	1	1506	05/06/2010	0	0	0	No processing
1	4	1	1506	29/05/2010	0	0	0	No processing
1	4	1	1506	22/05/2010	0	17	0	
1	4	1	1506	15/05/2010	0	157	0	
1	4	1	1506	08/05/2010	0	147	0	
1	4	1	1506	01/05/2010	20	138	0	
1	4	1	1506	24/04/2010	0	192	0	
1	4	1	1506	17/04/2010	0	121	0	
1	4	1	1506	10/04/2010	0	182	0	
1	4	1	1506	03/04/2010	30	135	0	
1	4	1	1506	27/03/2010	0	220	0	
1	4	1	1506	20/03/2010	0	73	1	
1	4	1	1506	13/03/2010	0	145	0	
1	4	1	1506	06/03/2010	10	157	0	
1	4	1	1506	27/02/2010	0	145	0	
1	4	1	1506	20/02/2010	0	200	0	
1	4	1	1506	13/02/2010	0	101	0	
1	4	1	1506	06/02/2010	0	137	0	
1	4	1	1506	30/01/2010	10	122	0	
1	4	1	1506	23/01/2010	0	137	0	
1	4	1	1506	16/01/2010	0	144	0	
1	4	1	1506	09/01/2010	20	168	0	
1	4	1	1506	02/01/2010	0	225	0	2 weeks figures
1	4	1	1506	26/12/2009	0	0	0	
1	4	1	1506	19/12/2009	0	132	0	
1	4	1	1506	12/12/2009	0	120	0	
1	4	1	1506	05/12/2009	10	124	0	
1	4	1	1506	28/11/2009	0	98	0	
1	4	1	1506	21/11/2009	0	132	0	
1	4	1	1506	14/11/2009	0	113	0	
1	4	1	1506	07/11/2009	0	131	0	GE filtration due to be commissioned 09/11/09
1	4	1	1506	31/10/2009	0	184	0	
1	4	1	1506	24/10/2009	60	136	0	
1	4	1	1506	17/10/2009	0	150	0	
1	4	1	1506	10/10/2009	0	137	0	
1	4	1	1506	03/10/2009	0	151	0	
Totals					160	5148	1	

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

Jane	Baldwin
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Solvent used(delivered) 60 Ltrs Perc + 100 Ltrs Siloxane

Weight of Dry Cleaning = 5148 Kg

Residue removal - estimated 50 Ltrs Perc residue and 1 drumx 120 ltrs + estimated 60 ltrs on site Siloxane residue

Spotting chemicals = 0