

QUALITY DRY CLEANERS

Site:

Month and Year	Monthly weight of work processed a (kg)	Monthly weight of solvent used b (kg)	Monthly solvent emitted per kg of work processed i = $b \times 1000 \div a$ (g/kg)	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) (litres)
2013 Jan - Feb	160	0.00		
2013 Feb - March	255	8.00	31.37	
2013 March - April	270	0.00		
2013 April - May	310	16.00	51.61	
2013 May - June	230	0.00		
2013 June - July	280	0.00		
2013 July - Aug	240	8.00	33.33	
	0	0.00		
	0	0.00		
	0	0.00		
	0	0.00		
	0	0.00		
Annual totals	1745	32.00		
	n	= Total b		

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

Total annual weight of solvent used	
p	
= Total b + m	
(kg)	
32.00	

Annual total of solvent emitted per kg of work processed	
q	
= $p \times 1000 \div n$	
(g/kg)	
18.34	
Annual result	

Weight of work required to comply with regulations (kg):	1600
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Complies with Regulations?	YES
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1. Refer to written explanation of regulations for more details.
2. If solvent borne spot cleaners are used, enter either 10kg in the 'Annual Spot Cleaning Factor' or the total weight of the 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.

add
25/11/13

MONTHLY INVENTORY SHEET

Site:

QUALITY DRY CLEANERS

Month and year:

2013 July-
Aug

Machine:

Week ending / Week No.

31	32	33	34	
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
60	70	50	60		240

Solvent used (litres)

					Monthly Total (litres)
					c
			5		5

Estimated still residue for month (litres)

d	7
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

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

Nominal Monthly Solvent Use	(litres)	g = c - f	5
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Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	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	48.00	33.33	8.00
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : **PROBLEM**

MONTHLY INVENTORY CHECK

Site: **QUALITY DRY CLEANERS**

Month and year: **2013 June-
July**

Machine:

Week ending / Week No.

26	27	28	29	30
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Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
40	70	60	50	60	280

Solvent used (litres)

					Monthly Total (litres)
					c
					0

Estimated still residue for month (litres)

d	
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

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

Nominal Monthly Solvent Use	(litres)	g = c - f	0
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Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent (g/l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (should be 20g/kg or less) g / kg	Weight of solvent used (kg)
		h	j = a ÷ g	k = h ÷ j	b = g × (h ÷ 1000)
Perc	x	1600			
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

MONTHLY INVENTORY SHEET

Site:

QUALITY DRY CLEANERS

Month and year:

2013 April – May

Machine:

Week ending / Week No.

16	17	18	19	20
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Weight of work processed (kg)

Monthly Total Weight (kg)

a

60	70	60	60	60	310
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Solvent used (litres)

Monthly Total (litres)

c

		10			10
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Estimated still residue for month (litres)

d

Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

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

Nominal Monthly Solvent Use	(litres)	g = c - f	10
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Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	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	31.00	51.61	16.00
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : PROBLEM

20.2kg

QUALITY DRY CLEANERS INVENTORY SHEET

Site: _____

Month and year: _____

2013 May –
June

Machine: _____

Week ending / Week No.

21	22	23	24	25
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Weight of work processed (kg)

60	50	60	60	0	Monthly Total Weight (kg)
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a
230
Monthly Total (litres)
c
0

Solvent used (litres)

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Estimated still residue for month (litres)

d	
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Note: Estimate the amount of residue collected so that a draft solvent usage figure can be obtained. You will need to adjust this figure from time to time so that the total for the year corresponds to your waste collection transfer notes.

Still type / Allowance factor

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

Nominal Monthly Solvent Use	(litres)	g = c - f	0
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Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	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			
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK