

ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - SINGLE MACHINE

Site: Lennox Belstead

Year:

NOV2014/OCT 2015

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 $I = b \times 1000 / a$ (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 month's figure as necessary to correspond) (litres)
Nov-14	1,327.70	22.66	17.07	15.00
Dec-14	1,015.82	19.41	19.11	12.00
Jan-15	1,175.20	20.15	17.15	15.00
Feb-15	1,015.60	20.67	20.36	12.00
Mar-15	874.90	19.46	22.24	9.00
Apr-15	892.50	20.65	23.14	12.00
May-15	1,233.22	18.16	14.73	15.00
Jun-15	948.00	15.39	16.23	12.00
Jul-15	1,028.40	17.92	17.43	12.00
Aug-15	1,499.60	18.35	12.24	15.00
Sep-15	1,183.70	18.82	15.90	12.00
Oct-15	1,174.20	18.97	16.16	12.00
Annual totals	13,368.84	230.61		153.00
	n	= Total b		

Annual Spot Cleaning Correction Factor (see Note 2):	
m (kg)	3.33

Weight of work required to comply with regulations (kg):	
= p x 50	

Total annual weight of solvent used	
p	
= Total b + m (kg)	233.94

Annual total of solvent emitted per kg of work processed	
q	
= p x 1000 / a (g / kg)	17.50

For compliance the "Annual result" should be 20 or less

- Refer to written explanation of regulations for more details
- 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.
- 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.

Monthly Inventory Sheet

Site: Lennox Belstead

Month and year: Jul-15

Machine:

Week ending/Week No:

04/07/2015	11/07/2015	18/07/2015	25/07/2015
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Weight of work processed (kg)				Monthly Total Weight (kg)
244.10	236.30	282.80	265.20	<b>a</b> 1,028.40

Solvent used (litres)				Monthly Total (Litres)
2.00	2.00	2.50	2.50	<b>c</b> 9.00

<b>Estimated still residue for month (litres)</b>	<b>d</b>	12.00
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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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	12.00	1.80
Pumped out		0.6		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	7.20
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Solvent emission calculation

Type of solvent	Factor: Specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted	Weight of solvent used
	(g/l)	(kg / l)	g / kg	(kg)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	142.83	11.20	17.92
Siolocane	970	0.00	0.00	0.00
Hydrocarbon	970	0.00	0.00	0.00
Other		0.00	0.00	0.00

Note: To comply with the regulations the "Solvent emitted" should be 20g / kg or less

Monthly Inventory Sheet

Site: Lennox Belstead

Month and year: Aug-15

Machine:

Week ending/Week No:

01/08/2015	08/08/2015	15/08/2015	22/08/2015	29/08/2015
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Weight of work processed (kg)					Monthly Total Weight (kg)
					a
297.20	269.20	302.50	292.10	338.60	1,499.60

Solvent used (litres)					Monthly Total (Litres)
					c
2.50	2.50	2.50	2.50	3.00	13.00

Estimated still residue for month (litres)	d	15.00
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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		f = e x d
	e	d	
Manual rake out	0.15	15.00	2.25
Pumped out	0.6		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	10.75
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Solvent emission calculation

Type of solvent	Factor: Specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted	Weight of solvent used
	(g/l)	(kg / l)	g / kg	(kg)
	h	j = a / g	k = h / j	b = g x (h / 1000)
Perc	1600	139.50	11.47	18.35
Siolocane	970	0.00	0.00	0.00
Hydrocarbon	970	0.00	0.00	0.00
Other		0.00	0.00	0.00

Note: To comply with the regulations the "Solvent emitted" should be 20g / kg or less

Monthly Inventory Sheet

Site: Lennox Belstead

Month and year: Sep-15

Machine:

Week ending/Week No:

05/09/2015	12/09/2015	19/09/2015	26/09/2015
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Weight of work processed (kg)

Monthly Total Weight (kg)

270.20	332.30	314.30	266.90	<b>a</b>
				1,183.70

Solvent used (litres)

Monthly Total (Litres)

2.50	3.00	2.50	2.50	<b>c</b>
				10.50

Estimated still residue for month (litres)

<b>d</b>	12.00
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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		<b>d</b>	<b>f = e x d</b>
	<b>e</b>			
Manual rake out	0.15		12.00	1.80
Pumped out	0.6			0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	8.70
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Solvent emission calculation

Type of solvent	Factor: Specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted	Weight of solvent used
	(g/l)	(kg / l)	g / kg	(kg)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	136.06	11.76	18.82
Siolocane	970	0.00	0.00	0.00
Hydrocarbon	970	0.00	0.00	0.00
Other		0.00	0.00	0.00

Note: To comply with the regulations the "Solvent emitted" should be 20g / kg or less

Monthly Inventory Sheet

Site: Lennox Belstead

Month and year: Oct-15

Machine:

Week ending/Week No:

03/10/2015	10/10/2015	17/10/2015	24/10/2015
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Weight of work processed (kg)				Monthly Total Weight (kg)
				<b>a</b>
291.50	297.80	331.40	253.50	1,174.20

Solvent used (litres)				Monthly Total (Litres)
				<b>c</b>
2.50	2.50	3.00	2.50	10.50

<b>Estimated still residue for month (litres)</b>	<b>d</b>	12.00
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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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	12.00	1.80
Pumped out		0.6		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	8.70
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Solvent emission calculation

Type of solvent	Factor: Specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted	Weight of solvent used
	(g/l)	(kg / l)	g / kg	(kg)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	134.97	11.85	18.97
Siolocane	970	0.00	0.00	0.00
Hydrocarbon	970	0.00	0.00	0.00
Other		0.00	0.00	0.00

Note: To comply with the regulations the "Solvent emitted" should be 20g / kg or less.