

ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - SINGLE MACHINE

Site: Lennox Belstead

Year:

2023/2024

Month and Year	Monthly weight of work processed	Monthly weight of solvent used	Monthly solvent emitted per kg of work processed	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)
	a (kg)	b (kg)	$l = b \times 1000 / a$ (g / kg)	(litres)
Nov 2023	873.30	16.00	18.32	10.00
Dec 2023	753.60	14.08	18.68	8.00
Jan 2024	666.70	12.00	18.00	10.00
Feb 2024	661.70	10.88	16.44	8.00
Mar 2024	671.20	10.88	16.21	8.00
April 2024	681.60	10.88	15.96	8.00
May 2024	832.90	14.40	17.29	10.00
June 2024	684.80	12.48	18.22	8.00
July 2024	694.70	14.08	20.27	8.00
Aug 2024	856.70	16.80	19.61	10.00
Sept 2024	683.10	12.48	18.27	8.00
Oct 2024	170.10	3.52	20.69	2.00
Annual Totals	8,230.40	148.48		98.00
		= Total b		

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

Annual Spot Cleaning Correction Factor (see Note 2):
p
= Total b + m
(kg)
151.81

Annual total of solvent emitted per kg of work processed
q
= $p \times 1000 / a$
(g / kg)
18.45

Weight of work required to comply with regulations (kg):
= $p \times 50$
7,590.50

For compliance the "Annual result" should be 20 or less
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a. Refer to written explanation of regulations for more details.

b. 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.

c. 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.

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

Nov 2023

Week ending/Week No.:

21/10/2023	28/10/2023	04/11/2023	11/11/2023	18/11/2023
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Weight of work processed (kg)

					a
173.20	182.00	163.70	179.50	174.90	873.30

Solvent used (litres)

					c
2.50	2.50	2.00	2.50	2.00	11.50

Estimated still residue for month (litres)

d	10.00
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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		
		e	d	f = e x d
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	10.00
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Solvent emissions 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	87.33	18.32	16.00
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

Dec 2023

Week ending/Week No.:

25/11/2023	02/12/2023	09/12/2023	16/12/2023	
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Weight of work processed (kg)

					a
191.10	183.50	194.80	184.20		753.60

Solvent used (litres)

					c
2.50	2.50	2.50	2.50		10.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	8.80
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Solvent emissions 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	85.64	18.68	14.08
Siolocane		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year: Jan 2024

Week ending/Week No.:

23/12/2023	30/12/2023	06/01/2024	13/01/2024	20/01/2024
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Weight of work processed (kg)

					a
165.10	74.30	103.40	154.10	169.80	666.70

Solvent used (litres)

					c
2.00	1.00	1.50	2.00	2.50	9.00

Estimated still residue for month (litres)

d	10.00
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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		
		e	d	f = e x d
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	7.50
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Solvent emissions 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	88.89	18.00	12.00
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

Feb 2024

Week ending/Week No.:

27/01/2024	03/02/2024	10/02/2024	17/02/2024	
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Weight of work processed (kg)

					a
167.30	164.40	167.00	163.00		661.70

Solvent used (litres)

					c
2.00	2.00	2.00	2.00		8.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	6.80
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Solvent emissions 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	97.31	16.44	10.88
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
 Machine:

Month and year:

Mar 2024

Week ending/Week No.:

24/02/2024	02/03/2024	09/03/2024	16/03/2024	
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Weight of work processed (kg)

					a
164.70	152.20	176.20	178.10		671.20

Solvent used (litres)

					c
2.00	2.00	2.00	2.00		8.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	6.80
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Solvent emissions 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	98.71	16.21	10.88
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

April 2024

Week ending/Week No.:

23/03/2024	30/03/2024	06/04/2024	13/04/2024	
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Weight of work processed (kg)

					a
172.30	157.30	153.50	198.50		681.60

Solvent used (litres)

					c
2.00	2.00	2.00	2.00		8.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	6.80
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Solvent emissions 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	100.24	15.96	10.88
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
 Machine:

Month and year:

May 2024

Week ending/Week No.:

20/04/2024	27/04/2024	04/05/2024	11/05/2024	18/05/2024
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Weight of work processed (kg)

					a
163.00	169.00	163.70	162.20	175.00	832.90

Solvent used (litres)

					c
2.00	2.00	2.00	2.00	2.50	10.50

Estimated still residue for month (litres)

d	10.00
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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		
		e	d	f = e x d
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	9.00
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Solvent emissions 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	92.54	17.29	14.40
Siolocane		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

June 2024

Week ending/Week No.:

25/05/2024	01/06/2024	08/06/2024	15/06/2024	
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Weight of work processed (kg)

					a
186.00	159.80	166.80	172.20		684.80

Solvent used (litres)

					c
2.50	2.00	2.00	2.50		9.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	7.80
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Solvent emissions 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	87.79	18.22	12.48
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

July 2024

Week ending/Week No.:

22/06/2024	29/06/2024	06/07/2024	13/07/2024
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Weight of work processed (kg)

					a
179.40	172.00	171.90	171.40		694.70

Solvent used (litres)

					c
2.50	2.50	2.50	2.50		10.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	8.80
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Solvent emissions 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	78.94	20.27	14.08
Siolocane		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

Aug 2024

Week ending/Week No.:

20/07/2024	27/07/2024	03/08/2024	10/08/2024	17/08/2024
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Weight of work processed (kg)

					a
169.30	166.90	171.00	175.00	174.50	856.70

Solvent used (litres)

					c
2.50	2.00	2.50	2.50	2.50	12.00

Estimated still residue for month (litres)

d	10.00
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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		
		e	d	f = e x d
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	10.50
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Solvent emissions 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	81.59	19.61	16.80
Siolocane		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
Machine:

Month and year:

Sept 2024

Week ending/Week No.:

24/08/2024	31/08/2024	07/09/2024	14/09/2024	
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Weight of work processed (kg)

					a
169.00	157.60	181.30	175.20		683.10

Solvent used (litres)

					c
2.00	2.00	2.50	2.50		9.00

Estimated still residue for month (litres)

d	8.00
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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		
		e	d	f = e x d
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	7.80
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Solvent emissions 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	87.58	18.27	12.48
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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

Lennox Belstead
Monthly Inventory Sheet

Site: Lennox Belstead, Sheldrake Drive, Ipswich
 Machine:

Month and year:

Oct 2024

Week ending/Week No.:

21/09/2024	28/09/2024	05/10/2024	12/10/2024	
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Weight of work processed (kg)

					a
170.10	0.00	0.00	0.00		170.10

Solvent used (litres)

					c
2.50	0.00	0.00	0.00		2.50

Estimated still residue for month (litres)

d	2.00
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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		
		e	d	f = e x d
Manual rake out		0.15	2.00	0.30
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	2.20
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Solvent emissions 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	77.32	20.69	3.52
Siolocene		970	0.00	0.00	0.00
Hydrocarbon		970	0.00	0.00	0.00
Other					

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