

**ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - SINGLE MACHINE**

Site: Lennox Belstead

Year:

2022/2023

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)
	<b>a</b> (kg)	<b>b</b> (kg)	$I = b \times 1000 / a$ (g / kg)	(litres)
Nov 2022	847.50	13.60	16.05	10.00
Dec 2022	664.00	10.88	16.39	8.00
Jan 2023	503.70	7.68	15.25	8.00
Feb 2023	627.40	10.88	17.34	8.00
Mar 2023	661.20	10.88	16.45	8.00
April 2023	634.00	10.88	17.16	8.00
May 2023	864.30	14.40	16.66	10.00
June 2023	699.60	12.48	17.84	8.00
July 2023	658.30	10.88	16.53	8.00
Aug 2023	828.80	13.60	16.41	10.00
Sept 2023	631.40	10.88	17.23	8.00
Oct 2023	684.60	10.88	15.89	8.00
Annual Totals	8,304.80	137.92		102.00
		= Total b		

Annual Spot Cleaning Correction Factor (see Note 2):
<b>m</b>
(kg)
3.33

Annual Spot Cleaning Correction Factor (see Note 2):
<b>p</b>
= Total b + m
(kg)
141.25

Annual total of solvent emitted per kg of work processed
<b>q</b>
= $p \times 1000 / a$
(g / kg)
17.01

Weight of work required to comply with regulations (kg):	
= $p \times 50$	7,062.50

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

- 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 2022

Week ending/Week No.:

22/10/2022	29/10/2022	05/11/2022	12/11/2022	19/11/2022
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Weight of work processed (kg)

					<b>a</b>
174.70	170.40	166.10	164.10	172.20	847.50

Solvent used (litres)

					<b>c</b>
2.00	2.00	2.00	2.00	2.00	10.00

Estimated still residue for month (litres)

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	8.50
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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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	99.71	16.05	13.60
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:

Dec 2022

**Week ending/Week No.:**

26/11/2022	03/12/2022	10/12/2022	17/12/2022
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**Weight of work processed (kg)**

				<b>a</b>
169.00	171.10	166.00	157.90	664.00

**Solvent used (litres)**

				<b>c</b>
2.00	2.00	2.00	2.00	8.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	97.65	16.39	10.88
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 2023

Week ending/Week No.:

24/12/2022	31/12/2022	07/01/2023	14/01/2023	21/01/2023
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Weight of work processed (kg)

					<b>a</b>
116.70	53.30	84.90	126.70	122.10	503.70

Solvent used (litres)

					<b>c</b>
1.50	0.50	1.00	1.50	1.50	6.00

Estimated still residue for month (litres)

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	4.80
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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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	104.94	15.25	7.68
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: Feb 2023

**Week ending/Week No.:**

28/01/2023	04/02/2023	11/02/2023	18/02/2023
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**Weight of work processed (kg)**

				<b>a</b>
158.20	158.20	152.50	158.50	627.40

**Solvent used (litres)**

				<b>c</b>
2.00	2.00	2.00	2.00	8.00

**Estimated still residue for month (litres)**

<b>d</b>	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	
		<b>e</b>	<b>d</b>
		<b>f = e x d</b>	
Manual rake out		0.15	8.00
Pumped out		1.80	0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	92.26	17.34	10.88
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:

Mar 2023

**Week ending/Week No.:**

25/02/2023	04/03/2023	11/03/2023	18/03/2023
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**Weight of work processed (kg)**

				<b>a</b>
171.00	164.40	160.90	164.90	661.20

**Solvent used (litres)**

				<b>c</b>
2.00	2.00	2.00	2.00	8.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	97.24	16.45	10.88
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:

April 2023

**Week ending/Week No.:**

25/03/2023	01/04/2023	08/04/2023	15/04/2023
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**Weight of work processed (kg)**

				<b>a</b>
172.00	164.20	151.70	146.10	634.00

**Solvent used (litres)**

				<b>c</b>
2.00	2.00	2.00	2.00	8.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	93.24	17.16	10.88
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:

May 2023

**Week ending/Week No.:**

22/04/2023	29/04/2023	06/05/2023	13/05/2023	20/05/2023
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**Weight of work processed (kg)**

					<b>a</b>
175.50	171.60	173.60	146.70	196.90	864.30

**Solvent used (litres)**

					<b>c</b>
2.00	2.00	2.00	2.00	2.50	10.50

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	96.03	16.66	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 2023

**Week ending/Week No.:**

27/05/2023	03/06/2023	10/06/2023	17/06/2023
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**Weight of work processed (kg)**

165.30	167.30	186.80	180.20	<b>a</b>
				699.60

**Solvent used (litres)**

2.00	2.00	2.50	2.50	<b>c</b>
				9.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
	<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out	0.15	8.00	1.20
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	89.69	17.84	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 2023

**Week ending/Week No.:**

24/06/2023	01/07/2023	08/07/2023	15/07/2023
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**Weight of work processed (kg)**

				<b>a</b>
156.60	157.90	176.60	167.20	658.30

**Solvent used (litres)**

				<b>c</b>
2.00	2.00	2.00	2.00	8.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	96.81	16.53	10.88
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 2023

**Week ending/Week No.:**

22/07/2023	29/07/2023	05/08/2023	12/08/2023	19/08/2023
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**Weight of work processed (kg)**

					<b>a</b>
168.60	168.30	168.50	164.50	158.90	828.80

**Solvent used (litres)**

					<b>c</b>
2.00	2.00	2.00	2.00	2.00	10.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	10.00	1.50
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	8.50
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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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	97.51	16.41	13.60
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 2023

**Week ending/Week No.:**

26/08/2023	02/09/2023	09/09/2023	16/09/2023
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**Weight of work processed (kg)**

				<b>a</b>
158.00	136.90	158.90	177.60	631.40

**Solvent used (litres)**

				<b>c</b>
2.00	1.50	2.00	2.50	8.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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)
	<b>h</b>	<b>j = a / g</b>	<b>k = h / j</b>	<b>b = g x (h / 1000)</b>
Perc	1600	92.85	17.23	10.88
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:

Oct 2023

**Week ending/Week No.:**

23/09/2023	30/09/2023	07/10/2023	14/10/2023
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**Weight of work processed (kg)**

					<b>a</b>
170.70	170.10	174.60	169.20		684.60

**Solvent used (litres)**

					<b>c</b>
2.00	2.00	2.00	2.00		8.00

**Estimated still residue for month (litres)**

<b>d</b>	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		
		<b>e</b>	<b>d</b>	<b>f = e x d</b>
Manual rake out		0.15	8.00	1.20
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	<b>g = c - f</b>	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 / kg)	(kg)
			<b>h</b>	<b>j = a / g</b>
Perc	1600	100.68	15.89	10.88
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