ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - SINGLE MACHINE

Site: Lennox Belstead   **Year:**   2021/2022

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	b	l = b x 1000 / a	
	(kg)	(kg)	(g / kg)	(litres)
Nov 2021	1,060.90	18.40	17.34	10.00
Dec 2021	905.00	15.68	17.33	8.00
Jan 2022	686.20	11.68	17.02	8.00
Feb 2022	699.90	12.16	17.37	6.00
Mar 2022	724.30	12.48	17.23	8.00
April 2022	771.00	13.28	17.22	8.00
May 2022	996.20	17.60	17.67	10.00
June 2022	800.40	13.28	16.59	8.00
July 2022	773.30	13.28	17.17	8.00
Aug 2022	1,004.40	17.60	17.52	10.00
Sept 2022	772.40	13.28	17.19	8.00
Oct 2022	791.40	14.08	17.79	8.00
Annual Totals	9,985.40	172.80		100.00
		= Total b		

Annual Spot Cleaning Correction Factor (see Note 2):		Annual Spot Cleaning Correction Factor (see Note 2):		Annual total of solvent emitted per kg of work processed	
m		p		q	
(kg)		= Total b + m		= p x 1000 / a	
3.33		(kg)		(g / kg)	
		176.13		17.64	

Weight of work required to comply with regulations (kg):		For compliance the "Annual result" should be 20 or less
= p x 50	8,806.50	

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 2021

Week ending/Week No.:

23/10/2021	30/10/2021	06/11/2021	13/11/2021	20/11/2021	

Weight of work processed (kg)

					a
215.70	206.90	200.10	228.30	209.90	1,060.90

Solvent used (litres)

					c
2.50	2.50	2.50	3.00	2.50	13.00

Estimated still residue for month (litres)

d	
	10.00

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	d	$f = e \times d$
	e		
Manual rake out	0.15	10.00	1.50
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	11.50

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (g / kg)	Weight of solvent used (kg)
	h	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc	1600	92.25	17.34	18.40
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   Month and year: Dec 2021
Machine:

Week ending/Week No.:

27/11/2021	04/12/2021	11/12/2021	18/12/2021	

Weight of work processed (kg)

					a
208.60	201.90	234.10	260.40		905.00

Solvent used (litres)

					c
2.50	2.50	3.00	3.00		11.00

Estimated still residue for month (litres)

d	8.00

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	$f = e \times d$
Manual rake out	0.15	8.00	1.20
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	9.80

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	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc		1600	92.35	17.33	15.68
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   Month and year: Jan 2022
Machine:

Week ending/Week No.:

25/12/2021	01/01/2022	08/01/2022	15/01/2022	22/01/2022

Weight of work processed (kg)

					a
151.20	92.30	126.70	152.00	164.00	686.20

Solvent used (litres)

					c
2.00	1.00	1.50	2.00	2.00	8.50

Estimated still residue for month (litres)

d	
	8.00

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	d	$f = e \times d$
	e		
Manual rake out	0.15	8.00	1.20
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	7.30

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (g / kg)	Weight of solvent used (kg)
	h	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc	1600	94.00	17.02	11.68
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   Month and year: Feb 2022
Machine:

Week ending/Week No.:

29/01/2022	05/02/2022	12/02/2022	19/02/2022	

Weight of work processed (kg)

				a
205.70	160.80	159.30	174.10	699.90

Solvent used (litres)

				c
2.50	2.00	2.00	2.00	8.50

Estimated still residue for month (litres)

d	6.00

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	**d**	**f = e x d**
	e		
Manual rake out	0.15	6.00	0.90
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	**g= c - f**	7.60

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (g / kg)	Weight of solvent used (kg)
	h	**j = a / g**	**k = h / j**	**b = g x (h / 1000)**
Perc	1600	92.09	17.37	12.16
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   Month and year: Mar 2022
Machine:

Week ending/Week No.:

26/02/2022	05/03/2022	12/03/2022	19/03/2022	

Weight of work processed (kg)

				a
165.20	198.20	188.00	172.90	724.30

Solvent used (litres)

				c
2.00	2.50	2.50	2.00	9.00

Estimated still residue for month (litres)   **d**   8.00

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

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	92.86	17.23	12.48
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	Month and year:	April 2022
Machine:			

Week ending/Week No.:

26/03/2022	02/04/2022	09/04/2022	16/04/2022	

Weight of work processed (kg)

					a
197.50	209.60	192.60	171.30		771.00

Solvent used (litres)

					c
2.50	2.50	2.50	2.00		9.50

Estimated still residue for month (litres)

d	
	8.00

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	$f = e \times d$
Manual rake out	0.15	8.00	1.20
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	8.30

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	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc		1600	92.89	17.22	13.28
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 Month and year: May 2022
Machine:

Week ending/Week No.:

23/04/2022	30/04/2022	07/05/2022	14/05/2022	21/05/2022

Weight of work processed (kg)

					a
167.60	198.40	166.30	234.40	229.50	996.20

Solvent used (litres)

					c
2.00	2.50	2.00	3.00	3.00	12.50

Estimated still residue for month (litres)

d	10.00

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	d	$f = e \times d$
	e		
Manual rake out	0.15	10.00	1.50
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	11.00

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (g / kg)	Weight of solvent used (kg)
	h	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc	1600	90.56	17.67	17.60
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   Month and year: June 2022
Machine:

Week ending/Week No.:

28/05/2022	04/06/2022	11/06/2022	18/06/2022	

Weight of work processed (kg)

				a
196.90	179.50	219.70	204.30	800.40

Solvent used (litres)

				c
2.50	2.00	2.50	2.50	9.50

Estimated still residue for month (litres)

d	
	8.00

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	d	$f = e \times d$
	e		
Manual rake out	0.15	8.00	1.20
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	8.30

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l)	Weight of work / litre of solvent (kg / l)	Solvent emitted (g / kg)	Weight of solvent used (kg)
	h	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc	1600	96.43	16.59	13.28
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   Month and year: July 2022
Machine:

Week ending/Week No.:

25/06/2022	02/07/2022	09/07/2022	16/07/2022	

Weight of work processed (kg)

				a
206.00	196.30	199.90	171.10	773.30

Solvent used (litres)

				c
2.50	2.50	2.50	2.00	9.50

Estimated still residue for month (litres)

d	8.00

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**	8.30

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	93.17	17.17	13.28
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   Month and year: Aug 2022
Machine:

Week ending/Week No.:

23/07/2022	30/07/2022	06/08/2022	13/08/2022	20/08/2022

Weight of work processed (kg)

					a
206.10	205.20	194.40	202.20	196.50	1,004.40

Solvent used (litres)

					c
2.50	2.50	2.50	2.50	2.50	12.50

Estimated still residue for month (litres)

d	
	10.00

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	d	$f = e \times d$
	e		
Manual rake out	0.15	10.00	1.50
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	$g = c - f$	11.00

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	$j = a / g$	$k = h / j$	$b = g \times (h / 1000)$
Perc	1600	91.31	17.52	17.60
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   Month and year: Sept 2022
Machine:

Week ending/Week No.:

27/08/2022	03/09/2022	10/09/2022	17/09/2022	

Weight of work processed (kg)

				a
205.60	179.70	192.40	194.70	772.40

Solvent used (litres)

				c
2.50	2.00	2.50	2.50	9.50

Estimated still residue for month (litres)   **d**   8.00

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**	8.30

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	93.06	17.19	13.28
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 2022

Week ending/Week No.:

24/09/2022	01/10/2022	08/10/2022	15/10/2022	

Weight of work processed (kg)

				a
163.80	221.60	208.30	197.70	791.40

Solvent used (litres)

				c
2.00	3.00	2.50	2.50	10.00

Estimated still residue for month (litres)

d	8.00

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

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	89.93	17.79	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