ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - SINGLE MACHINE

Site: Lennox Belstead   Year: 2019/20

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	I = b x 1000 / a	
	(kg)	(kg)	(g/kg)	(litres)
Nov-19 19	1,129.10	15.20	13.45	10.00
Dec-19 19	791.90	10.88	13.74	8.00
Jan-19 20	677.70	10.08	14.87	8.00
Feb-19 20	777.90	10.88	13.99	8.00
Mar-19 20	641.20	8.48	13.23	8.00
Apr-19 20	191.20	2.72	14.23	8.00
May-19 20	227.10	3.20	14.09	2.00
Jun-19 20	197.50	2.72	13.77	0.00
Jul-19 20	425.60	6.56	15.41	2.00
Aug-19 20	611.20	9.60	15.71	6.00
Sep-19 20	440.30	6.08	13.81	10.00
Oct-19 20	398.90	6.08	15.24	8.00
Annual Totals	6,509.60 = Total b	92.48		78.00

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)
		95.81		14.72

Weight of work required to comply with regulations (kg):		For compliance the "Annual result" should be 20 or less
	= p x 50	
	4,790.50	

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   Month and year: Nov 2019
Machine:

Week ending/Week No.:

26/10/2019	02/11/2019	09/11/2019	16/11/2019	23/11/2019

Weight of work processed (kg)

					a
198.00	270.60	257.30	193.90	209.30	1,129.10

Solvent used (litres)

					c
2.00	2.50	2.50	2.00	2.00	11.00

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 x 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	9.50

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 x (h / 1000)
Perc	1600	118.85	13.46	15.20
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 2019
Machine:

Week ending/Week No.:

30/11/2019	07/12/2019	14/12/2019	21/12/2019	

Weight of work processed (kg)

				a
204.50	200.70	187.80	198.90	791.90

Solvent used (litres)

				c
2.00	2.00	2.00	2.00	8.00

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	6.80

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	116.46	13.74	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 2020

Week ending/Week No.:

28/12/2019	04/01/2020	11/01/2020	18/01/2020	25/01/2020

Weight of work processed (kg)

					e
69.70	128.90	176.10	157.20	145.80	677.70

Solvent used (litres)

					c
1.00	1.50	2.00	1.50	1.50	7.50

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)	$g = c - f$	6.30

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l) h	Weight of work / litre of solvent (kg / l) $J = a / g$	Solvent emitted (g / kg) $k = h / J$	Weight of solvent used (kg) $b = g \times (h / 1000)$
Perc	1600	107.57	14.87	10.08
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: Feb 2020

Week ending/Week No.:

01/02/2020	08/02/2020	15/02/2020	22/02/2020	

Weight of work processed (kg)

				a
187.40	184.60	173.10	232.80	777.90

Solvent used (litres)

				c
2.00	2.00	1.50	2.50	8.00

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	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)	$g = c - f$	6.80

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	114.40	13.99	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: **March 2020**

Week ending/Week No.:

29/02/2020	07/03/2020	14/03/2020	21/03/2020	

Weight of work processed (kg)

				a
137.60	170.80	192.10	140.70	641.20

Solvent used (litres)

				c
1.50	1.50	2.00	1.50	6.50

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	5.30

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l) h	Weight of work / litre of solvent (kg / l) $j = a / g$	Solvent emitted (g / kg) $k = h / j$	Weight of solvent used (kg) $b = g \times (h / 1000)$
Perc	1600	120.98	13.23	8.48
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
Machine:

Month and year: April 2020

Week ending/Week No.:

28/03/2020	04/04/2020	11/04/2020	18/04/2020	

Weight of work processed (kg)

				a
78.50	36.30	42.60	33.80	191.20

Solvent used (litres)

				c
1.00	0.50	0.50	0.00	2.00

Estimated still residue for month (litres)

d	2.00

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	2.00	0.30
Pumped out		1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	1.70

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	112.47	14.23	2.72
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 2020
Machine:

Week ending/Week No.:

25/04/2020	02/05/2020	09/05/2020	16/05/2020	23/05/2020

Weight of work processed (kg)

					a
51.70	51.80	52.20	38.20	33.20	227.10

Solvent used (litres)

					c
0.50	0.50	0.50	0.50	0.00	2.00

Estimated still residue for month (litres)

	d	
		0.00

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	0.00	0.00
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c – f	2.00

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 x (h / 1000)
Perc	1600	113.55	14.09	3.20
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 2020

Week ending/Week No.:

30/05/2020	06/06/2020	13/06/2020	20/06/2020	

Weight of work processed (kg)

				e
46.50	48.60	49.40	53.00	197.50

Solvent used (litres)

				c
0.50	0.50	0.50	0.50	2.00

Estimated still residue for month (litres)

d	
	2.00

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	2.00	0.30
Pumped out	1.80		0.00

Nominal Monthly Solvent Use	(litres)	g = c - f	1.70

Solvent emissions calculation

Type of solvent	Factor: Specific gravity of solvent (g / l) h	Weight of work / litre of solvent (kg / l) $j = a / g$	Solvent emitted (g / kg) $k = h / j$	Weight of solvent used (kg) $b = g \times (h / 1000)$
Perc	1600	116.18	13.77	2.72
Siolocane	970	0.00	0.00	0.00
Hydrocarbon	970	0.00	0.00	0.00
Other				

0

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 2020

Week ending/Week No.:

27/06/2020	04/07/2020	11/07/2020	18/07/2020	

Weight of work processed (kg)

				a
54.00	122.90	122.10	126.60	425.60

Solvent used (litres)

				c
0.50	1.50	1.50	1.50	5.00

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

Nominal Monthly Solvent Use	(litres)	g = c - f	4.10

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	103.80	15.41	6.56
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 2020

Week ending/Week No.:

25/07/2020	01/08/2020	08/08/2020	15/08/2020	22/08/2020	

Weight of work processed (kg)

					a
121.90	131.50	119.10	98.70	140.00	611.20

Solvent used (litres)

					c
1.50	1.50	1.50	1.50	1.50	7.50

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 x 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	6.00

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 x (h / 1000)
Perc		1600	101.87	15.71	9.60
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 2020**

Week ending/Week No.:

29/08/2020	05/09/2020	12/09/2020	19/09/2020	

Weight of work processed (kg)

				a
123.80	89.20	129.10	98.20	440.30

Solvent used (litres)

				c
1.50	1.00	1.50	1.00	5.00

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		d	f = e x 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	3.80

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	115.87	13.81	6.08
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   Month and year: Oct 2020
Machine:

Week ending/Week No.:

26/09/2020	03/10/2020	10/10/2020	17/10/2020	

Weight of work processed (kg)

				a
118.20	103.50	84.10	93.10	398.90

Solvent used (litres)

				c
1.50	1.50	1.00	1.00	5.00

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	3.80

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	104.97	15.24	6.08
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