









#### 2. Solvent Management Spreadsheets-single

(for operators with only one machine)

You must make a return for each site, covering all the machines on the site. You need to record the weight of work processed and the amount of solvent added for each machine as well as the estimated still residue. If you have more than one machine on site then, in order to claim the correct allowance for still residue, keep the residue obtained from each solvent type and each still cleaning method separately. For the Annual Inventory the total weight of solvent used, corrected for solvent sent for recycling and the 'Annual spot cleaning factor', and total weight of work processed, are used to calculate a site emission figure. To help you keep a check on your machines performance a monthly estimate is made of solvent emissions for each machine.

If you have a single machine on site you can use the 'Annual (Single machine)' spreadsheet or printed sheet. The spreadsheet version will automatically transfer the monthly totals across and calculate the solvent emissions, you just need to add in the relevant 'Annual Spot Cleaning Correction Factor'.

If you have a multiple machines on site you can use the 'Annual (Multiple machines)' spreadsheet or printed sheet. The spreadsheet version will automatically transfer the monthly totals for each machine across and calculate the solvent emissions, you just need to add in the relevant 'Annual Spot Cleaning Correction Factor'.

Before starting to record solvent usage ensure that the machine is filled to its normal operating level. This is particularly important if you are installing a new machine.

If you anticipate changing or adding a machine during the annual period you should use the multiple machine sheet and show each machine for the period that it is in use. If you are using the spreadsheet version, you need to fill in the following fields in the first (i.e. furthest left on the spreadsheet) monthly sheet as they transfer automatically to all the following months: 'Machine' (top left of sheet), put a cross in the relevant box for 'Method of still cleaning' (centre left of sheet) and put a cross in the relevant box for 'Type of Solvent' (lower left of sheet).

#### 1. Weekly Inventory Sheet:

It is suggested, that for practical purposes, the 'Weekly' Sheet is filled in manually. This must be carried out for each load on each machine.

- 1.1 Print off copies of the 'Weekly Inventory Sheet', one for each machine, and fill in the details for the 'Site', 'Machine' and 'Week' at the top.
- 1.2 For each load, record the weight (kg) on the relevant daily line. Total this up and complete the 'Daily Total Weight 'column.
- 1.3 When you add solvent to the machine, record the volume (litres) in the right hand column. This is the 'Solvent Used'.
- 1.4 At the end of the week total the daily and then weekly weight of work processed and the amount of solvent added.
- 1.5 Select the method of still cleaning (tick or mark the appropriate box). Enter any other information you may wish to record. Sign and date the sheet.

#### 2. Monthly Inventory Sheet:

The 'Monthly' Sheet may be completed, either using this spreadsheet, or filled out manually each month. This should be done at the end of each month. If you have more than one machine on site you need to complete a form or seperate spreadsheet every month for each machine.

2.1 Use the spreadsheet or print out a copy of the 'Monthly Sheet', complete the details for 'Site', 'Machine' and 'Month and Year' at the top of the sheet.

2.2 Enter the 'Week ending / Week No.', transfer the weekly totals for 'Weight of wo	ork processed' and 'Solvent Used' to the relevant lines under	the appropriate week column.

- 2.3 Estimate the amount of Still residue you have collected from each machine over the month and enter into the relevant line under the appropriate week column. You need this figure so that the monthly solvent usage can be calculated reasonably accurately. When still waste is collected, you may need to adjust the monthly figure so that the total for the preceding period is correct.
- 2.4 At the end of the month, if you are filling in the sheets manually total up the 'Weight of work processed' and 'Solvent used'.
- 2.5 Select the method of still cleaning the machine uses and place an 'X' in the relevant box. If you are filling in the sheets manually copy down the 'Estimated still residue for month' to the relevant box and calculate the 'Allowance' using the formula shown. You can now calculate your 'Nominal Monthly Solvent Use' for the machine using the formula provided.
- 2.6 Select the type of solvent you are using and place an 'X' in the relevant box. If you are filling in the sheets manually you can now calculate the 'Weight of work / litre of solvent', 'the Solvent emitted' and 'Weight of solvent used' for the month.

#### 3. Annual Inventory Sheet - Solvent Management Plan

The 'Annual' Sheet - Solvent Management Plan may be completed, either using the relevant spreadsheet, or filled out manually. If you do this at the end of each month you will see how you are progressing with compliance. If you use the spreadsheet version, either the 'Annual (Single machine)' or 'Annual (Multiple machine)' spreadsheet, will be completed automatically based on the entries in the Monthly sheets. You just need to insert the 'Site' name and 'Year' at the top of the sheet and the 'Annual Spot Cleaning Correction Factor' in the box provided on the lower left of the spreadsheet.

To complete the sheet manually:

- 3.1 Print out a copy of the 'Annual Sheet', complete the details for 'Site' and 'Year' at the top of the sheet.
- 3.2 Record the month and year in the left hand column.
- 3.3 Enter the 'Annual Spot Cleaning Correction Factor' in the box provided on the lower left of the spreadsheet.
- 3.4 Transfer the monthly totals for 'Weight of work processed' and 'Weight of solvent used' to columns 'a' and 'b'. Do this for each machine if you have more than one machine and are using the 'Annual (Multiple machines)' spreadsheet.
- 3.5 You can also transfer the monthly totals for 'Estimated still residue' to the columns on the right if you wish, so that you can manually check that the totals for the year for each still cleaning method and solvent type to ensure that they correspond to your waste collection transfer note totals.
- 3.6 If you want to check your ongoing solvent mileage then total the 'Monthly weight of work processed' and 'Weight of solvent used' for all the months and calculate the 'Monthly solvent emitted per kg of work processed' using the formula provided.
- 3.7 To obtain the annual result, sum the 'Total annual weight of work processed' and then the 'Total annual weight of solvent used' which should include the 'Annual spot cleaning correction factor'.
- 3.8 Using the formula provided calculate the 'Annual total of solvent emitted per kg of work processed. The result should be 20 g/kg or less.

Cells in the spreadsheets, highlighted like this, contain the results that are transferred to the next sheet i.e. Weekly results to transfer to Monthly sheet or Monthly results to transfer to Annual sheet.

#### For spreadsheet users:

Cells in the spreadsheets, highlighted like this, should have data entered in them where applicable

Cells in the spreadsheets, highlighted like this, contain formulas, DO NOT ENTER DATA IN THEM

# Site: MEBRO DRY CLEANERS Year:

Month and Year	Monthly weight of work processed	Monthly weight of solvent used	Monthly solvent emitted per kg of work processed	(Use this to check the total for each method of still cleaning against your waste collection notes, adjust the final
		•	1	months figure as necessary to
	$\mathbf{a}$	b	$= \mathbf{b} \times 1000 \div \mathbf{a}$	correspond)
	(kg)	(kg)	(g/kg)	(litres)
JUNE 2013	540	5.04	9.34	13.7
JULY 2013	462	5.04	10.92	13.7
AUGUST 2013	611	9.84	16.12	13.7
SEPT 2013	501	8.24	16.45	13.7
OCT 2013	513	8.24	16.07	13.7
NOV 2013	613	8.24	13.44	13.7
DEC 2013	431	8.24	19.14	13.7
JAN 2014	556	8.24	14.83	13.7
FEB 2014	491	5.60	11.41	13.0
MARCH 2014	474	8.80	18.56	13.0
APRIL 2014	425	5.60	13.16	13.0
MAY 2014	553	5.60	10.13	13.0
Annual totals	6168	86.72		161.6
	n	= Total b		
Annual Spot Cleaning Correction Factor (see Note 1):	Total annual weig	ght of solvent used		Annual total of solvent emitted per kg of work processed

Annual Spot Cleaning Correction Factor (see Note 1):		Total annual weight of solvent used			Annual total of solvent emitted per kg of work processed
m		p = Total b + m			$\mathbf{q} = \mathbf{p} \times 1000 \div \mathbf{n}$
(kg)		(kg)			(g/kg)
		86.72		Annual result	14.06
Weight of work required to comply with regulations (kg):	4336		Complies	with Regulations?	YES

<sup>1.</sup> If solvent borne spot cleaners are used, enter either 10kg if using Perc or 6.5kg if using other solvent, or the total weight of the solvent content used, as advised by your Supplier in the 'Annual Spot Cleaning Fac

Site:
Machine:

# MEBRO DRY CLEANERS RENZACCI PROGRESS 10

Month and year:

**JUNE 2013** 

Week ending / Week No.

08/06/2013	15/06/2013	22/06/2013	29/06/2013	

Weight of wor	Monthly Total Weight (kg)				
	a				
157.7	106.7	138.9	136.5		539.8

Solvent used (litres)	Monthly Total (litres)		
			c
	10		10

Estimated still residue for month (litres)

13.7

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

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	${f f}$
		C	C.	$= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	3.15

### Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	171.37	9.34	5.04
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check :

Month and year:

**JULY 2013** 

Week ending / Week No.

06/07/2013	13/07/2013	20/07/2013	27/07/2013	

Weight of work processed (kg)						Monthly Total Weight (kg)
						a
	134.9	122.9	112.2	91.7		461.7

Solvent used (litres)			Monthly Total (litres)	
				c
	10			10

Estimated still residue for month (litres)

d 13.7

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

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	$\mathbf{f}$ $= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	3.15

### Solvent emission calculation

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= h \div j$	$= g \times (h \div 1000)$
Perc	P	1600	146.57	10.92	5.04
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

Month and year:

AUGUST 2013

Week ending / Week No.

03/08/2013	10/08/2013	17/08/2013	24/08/2013	31/08/2013
03/00/2013	10/00/2013	17700/2013	24/00/2013	31/00/2013

Weight of work processed (kg)					Monthly Total Weight (kg)
					a
115.9	119	116.1	129.4	130.2	610.6

Solvent used (litres)			Monthly Total (litres)
			c
	13		13
		-	

Estimated still residue for month (litres)

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	Total	Allowance
Method of still cleaning		e	d	$\mathbf{f}$ $= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	6.15

### Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	$\mathbf{j}$ $= \mathbf{a} \div \mathbf{g}$	$\mathbf{k} = \mathbf{h} \div \mathbf{j}$	$\mathbf{b}$ = $\mathbf{g} \times (\mathbf{h} \div 1000)$
Perc	P	1600	99.28	16.12	
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check :

Month and year:

**SEPT 2013** 

Week ending / Week No.

07/09/2013	14/09/2013	21/09/2013	28/09/2013	

Weight of work processed (kg)					Monthly Total Weight (kg)	
						a
106	5.8	151.3	109.8	132.9		500.8

Solvent used (litres)	Monthly Total (litres)		
			c
	12		12

Estimated still residue for month (litres) d 13.7

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	Total	Allowance
Method of still cleaning		e	d	$\mathbf{f}$ $= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	5.15

### Solvent emission calculation

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	97.24	16.45	8.24
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check :

Month and year:

OCT 2013

Week ending / Week No.

05/10/2013	12/10/2013	19/10/2013	26/10/2013	
03/10/2013	12/10/2015	17/10/2013	20/10/2013	

Weight of work processed (kg)					Monthly Total Weight (kg)
	a				
130.6	122.5	138.2	121.4		512.7

Solvent used (litres)	Monthly Total (litres)		
			c
	12		12
	-		

Estimated still residue for month (litres)

d 13.7

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

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	f
				$= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	5.15

### Solvent emission calculation

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	99.55	16.07	8.24
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check :

Site: MEBRO DRY CLEANERS **RENZACCI PROGRESS 10** Machine:

Month and year:

**NOV 2013** 

Week ending / Week No.

02/11/2013   09/11/2013   16/11/2013   23/11/2013   30/11/2013
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Weight of work processed (kg)				Monthly Total Weight (kg)	
					a
115.4	122.4	105.5	112.1	157.8	613.2

Solvent used (	litres)			Monthly Total (litres)
				c
			12	12
				_

**Estimated still residue for month (litres)** 13.7

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

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	$\mathbf{f}$ $= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	5.15

### Solvent emission calculation

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
		11	$= a \div g$	$= h \div j$	$= g \times (h \div 1000)$
Perc	P	1600	119.07	13.44	8.24
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : OK

#### MEBRO DRY CLEANERS Site: Si **DEC 2013** Month and year: **RENZACCI PROGRESS 10** Machine: Machine: Week ending / Week No. 28/12/2013 14/12/2013 21/12/2013 07/12/2013 Monthly Total Weight of work processed (kg) Weight (kg) 126.2 139.6 25.2 139.6 430.6 Monthly Total Solvent used (litres) (litres)

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.

12

### Still type / Allowance factor

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

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	$\mathbf{f}$ $= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	5.15

### **Solvent emission calculation**

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
		11	$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	83.61	19.14	8.24
Siloxane		970			
Hydrocarbon		970			
Other					

Site:	MEBRO DRY CLEAN
<b>Iachine:</b>	RENZACCI PROGRESS 10

Y CLEANERS	
OGRESS 10	

# **JAN 2014**

Month and year:

### Site: Machine:

# **MEBRO DRY CLEANERS RENZACCI PROGRESS 10**

# Month and year:

01/03/2014

# **FEB 2014**

### Week ending / Week No.

04/01/2014 11/01/2014 18/01/2014 25/01/2014 01/02/2014
--

Weight of work processed (kg)					Monthly Total Weight (kg)
					a
114.9	127.2	127.2	76.8	109.6	555.7

Solvent used (litres)				Monthly Total (litres)
				c
	12			12
	•			

Estimated still residue for month (litres)	d	13.7
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

12

13.7

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	d	${f f}$
		C	u u	$= \mathbf{e} \times \mathbf{d}$
Powder filter rake out		0.15	0	0
Ecological powder rake out		0.35	0	0
Pumped out	P	0.5	13.7	6.85

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	5.15

### **Solvent emission calculation**

Type of Solvent		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	107.90	14.83	8.24
Siloxane		970			
Hydrocarbon		970			
Other					

### Week ending / Week No.

15/02/2014

08/02/2014

						•
W	Weight of work processed (kg)					
						a
	142	87.5	137.5	123.6		490.6

22/02/2014

Solvent used (litres)	Monthly Total (litres)		
			c
	10		10

Estimated still residue for month (litres)	d	13
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

# Still type / Allowance factor

time so that the total for the year corresponds to your waste collection transfer notes.

		Waste Allowance Factor	Total	Allowance	
Method of still cleaning		e	d	$\mathbf{f}$ $= \mathbf{e} \times \mathbf{d}$	
Powder filter rake out		0.15	0	0	
Ecological powder rake out		0.35	0	0	
Pumped out	P	0.5	13	6.5	

Nominal Monthly Solvent Use	(litres)	$\mathbf{g} = \mathbf{c} - \mathbf{f}$	3.5

### Solvent emission calculation

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
		•	$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	140.17	11.41	5.60
Siloxane		970			
Hydrocarbon		970			
Other					

**Solvent Usage Check: Solvent Usage Check: Solvent Usage Check:** 

Site: Machine:	MEBRO DRY CLEANERS RENZACCI PROGRESS 10	Month and year:	MARCH 2014	Site: Machine:	MEBRO DRY CLEANERS RENZACCI PROGRESS 10	Month and year:	<b>APRIL 2014</b>	Site: Machine:	MEBRO DRY RENZACCI PRO	Y CLEANERS OGRESS 10	Month a	and year:	MAY 2014
Week ending / Week No.  Week					g / Week No.			Week endi	Week ending / Week No.				
08/03/2014	15/03/2014 22/03/2014	29/03/2014		05/04/2014	12/04/2014 19/04/2014	26/04/2014		03/05/2014	10/05/2014	17/05/2014	24/05/2014	31/05/2014	
Weight of w	vork processed (kg)		Monthly Total Weight (kg)	Weight of w	ork processed (kg)		Monthly Total Weight (kg)	Weight of v	vork processed (	kg)			Monthly Total Weight (kg)
121.8	108.2 136.7	107.4	474.1	119.2	108.7 125.4	72.1	425.4	103.9	98.5	100.5	124.7	125.1	<b>a</b> 552.7
Solvent use	d (litres)		Monthly Total (litres)	Solvent used	(litres)		Monthly Total (litres)	Solvent use	d (litres)				Monthly Total (litres)
	12		<b>c</b> 12		10		10			10			10
	till residue for month (litres)	d	13		ill residue for month (litres)	d	13		still residue for n	` '	[	d	13
	mount of residue collected so that a draft solvent usage fig for the year corresponds to your waste collection transfer		t this figure from time to		ount of residue collected so that a draft solvent usage figure or the year corresponds to your waste collection transfer in		ust this figure from time to		mount of residue collected s for the year corresponds to	•	•	You will need to adjust	t this figure from time to
Still type / A	Allowance factor			Still type / A	llowance factor			Still type /	Allowance factor	•			
	Waste Allowan	ce Factor Total	Allowance		Waste Allowand	ce Factor Total	Allowance			Waste Allowa	nce Factor	Total	Allowance

e

0.15

0.35

0.5

 $\mathbf{g} = \mathbf{c} - \mathbf{f}$ 

(litres)

### Nominal Monthly Solvent Use (litres)

Method of still cleaning

Powder filter rake out

Pumped out

Ecological powder rake out

Solvent emission calculation	Solvent emission calcul

0

0

13

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg/1)	g / kg	(kg)
		h	j	k	b
		11	$= a \div g$	$= h \div j$	$= g \times (h \div 1000)$
Perc	P	1600	86.20	18.56	8.80
Siloxane		970			
Hydrocarbon		970			
Other					

0.15

0.35

0.5

# culation

Nominal Monthly Solvent Use

P

Method of still cleaning

Powder filter rake out

Pumped out

Ecological powder rake out

 $= e \times d$ 

0

6.5

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	121.54	13.16	5.60
Siloxane		970			
Hydrocarbon		970			
Other					

# Solvent emission calculation

Nominal Monthly Solvent Use

Method of still cleaning

Powder filter rake out

Pumped out

Ecological powder rake out

 $= e \times d$ 

0

0

6.5

		Factor: specific gravity of solvent	Weight of work / litre of solvent	Solvent emitted (should be 20g/kg or less)	Weight of solvent used
Type of Solvent		(g/l)	(kg / l)	g / kg	(kg)
		h	j	k	b
			$= a \div g$	$= \mathbf{h} \div \mathbf{j}$	$= g \times (h \div 1000)$
Perc	P	1600	157.91	10.13	5.60
Siloxane		970			
Hydrocarbon		970			
Other					

0.15

0.35

0.5

 $\mathbf{g} = \mathbf{c} - \mathbf{f}$ 

(litres)

 $\mathbf{d}$ 

0

0

13

3.5

 $= \mathbf{e} \times \mathbf{d}$ 

0

6.5

**Solvent Usage Check: Solvent Usage Check: Solvent Usage Check:** 

0

Site			Ma	chine .								Week e	nding / `	Week No	0		·	
Load No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Daily Total Weight (kg)	Solvent Added (litres)
Monday	Weight																	
Tuesday	Weight																	
Wednesday	Weight																	
Thursday	Weight																	
Friday	Weight																	
Saturday	Weight																	
Sunday	Weight																	
Make a note of	thereason w	hy any u	nder-wei	ight load	l was cle	aned:												
B=Blankets	D=Delicates	<b>;</b>	O=Othe	r	W=Wed	lding Dre	ess	L= Ligh	its					Total fo	or Week	<b>K</b>		
Maintenance	or testing re	equired	this wee	k	Mon	Tues	Wed	Thurs	Fri	Sat	Sun		Met	hod of s	still clea	ning	Indicate as appropriate	]
Still Maintena	nce												Powde	er filter	rake ou	ıt		
Lint filter chec	ked and clea	ned											Ecolog	gical filt	er rake	out		
Button trap ch	ecked and cl	eaned											Pump	ed out				
Notes:																		
																		1
																		1

List your preventative maintenance in the 'maintenance or testing required this week' boxes. Record what you have done for each maintenance item with a tick. Make notes about solvent tank levels, other maintenance, servicing or solvent leaks/spills in the space above.

The Total Weight for Week figure and details of Solvent Added should be transferred to your MONTHLY INVENTORY SHEET