ANNUAL INVENTORY SHEET - SOLVENT MANAGEMENT PLAN - MULTIPLE MACHINES

Site: COVENTRY **Year:**

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 months figure as necessary to correspond)			
	a				b				l				
	(kg)				(kg)				= Total b × 1000 ÷ Total a	(litres)			
	Machine 1	Machine 2	Machine 3	Machine 4	Machine 1	Machine 2	Machine 3	Machine 4	(g/kg)	Machine 1	Machine 2	Machine 3	Machine 4
2007-2008	31462	22681	0	0	251.20	136.00	0.00	0.00	7.15	400.0	360.0		
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
	0	0	0	0	0.00	0.00	0.00	0.00					
Sub Totals	31462	22681			251.20	136.00				400.0	360.0		

Annual Spot Cleaning Correction Factor (see Note 2):
m
(kg)
6.5

Total annual weight of work processed	Total annual weight of solvent used
n = Total a	p = Total b + m
(kg)	(kg)
54143	393.70

	Annual total of solvent emitted per kg of work processed
	q
	= p × 1000 ÷ n
	(g/kg)
Annual result	7.27

Weight of work required to comply with regulations (kg):	19685

Complies with Regulations?	YES

1. Refer to written explanation of regulations for more details.
2. If solvent borne spot cleaners are used, add 6.5kg for perc or 10kg for other solvents or actual solvent content used, as advised by your Supplier.
3. 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.

MONTHLY INVENTORY SHEET

Site: COVENTRY **Month and year:** 2007-2008

Machine: 192E50064

Week ending / Week No.

				YTD P13

Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
				31462	31462

Solvent used (litres)

					Monthly Total (litres)
					c
				397	397

Estimated still residue for month (litres)

d	400

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 **e**	Total **d**	Allowance **f** = e × d
Manual rake out		0.15	0	0
Pumped out	x	0.6	400	240

Nominal Monthly Solvent Use	(litres)	**g** = c - f	**157**

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** = a ÷ g	**k** = h ÷ j	**b** = g × (h ÷ 1000)
Perc	x	1600	**200.39**	**7.98**	**251.20**
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

MONTHLY INVENTORY SHEET

Site: COVENTRY **Month and year:** 2007-2008

Machine: 192E50065

Week ending / Week No.

				YTD P13

Weight of work processed (kg)

					Monthly Total Weight (kg)
					a
				22681	22681

Solvent used (litres)

					Monthly Total (litres)
					c
				301	301

Estimated still residue for month (litres)

d	360

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 **e**	Total **d**	Allowance **f** = e × d
Manual rake out		0.15	0	0
Pumped out	x	0.6	360	216

Nominal Monthly Solvent Use	(litres)	**g** = c - f	**85**

Solvent emission 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 (should be 20g/kg or less) g / kg **k** = h ÷ j	**Weight of solvent used** (kg) **b** = g × (h ÷ 1000)
Perc	x	1600	**266.84**	**6.00**	**136.00**
Siloxane		970			
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**