

Solvent Inventory Cannon Park

C	D	R	SHOP	DATE	LSOL	KGDC	DRUMS
1	2	5	1367	20/09/2014	0	166	0
1	2	5	1367	13/09/2014	0	159	0
1	2	5	1367	06/09/2014	0	209	0
1	2	5	1367	30/08/2014	10	126	0
1	2	5	1367	23/08/2014	0	138	0
1	2	5	1367	16/08/2014	0	124	0
1	2	5	1367	09/08/2014	20	130	0
1	2	5	1367	02/08/2014	0	154	0
1	2	5	1367	26/07/2014	0	139	0
1	2	5	1367	19/07/2014	0	175	0
1	2	5	1367	12/07/2014	0	54	0
1	2	5	1367	05/07/2014	0	232	0
1	2	5	1367	28/06/2014	0	158	0
1	2	5	1367	21/06/2014	0	141	0
1	2	5	1367	14/06/2014	0	224	0
1	2	5	1367	07/06/2014	60	208	0
1	2	5	1367	31/05/2014	0	159	0
1	2	5	1367	24/05/2014	0	200	0
1	2	5	1367	17/05/2014	20	316	0
1	2	5	1367	10/05/2014	0	158	1
1	2	5	1367	03/05/2014	0	136	0
1	2	5	1367	26/04/2014	0	161	0
1	2	5	1367	19/04/2014	0	180	0
1	2	5	1367	12/04/2014	0	148	0
1	2	5	1367	05/04/2014	0	172	0
1	2	5	1367	29/03/2014	0	181	0
1	2	5	1367	22/03/2014	20	179	0
1	2	5	1367	15/03/2014	0	278	0
1	2	5	1367	08/03/2014	0	205	0
1	2	5	1367	01/03/2014	0	180	0
1	2	5	1367	22/02/2014	0	176	0
1	2	5	1367	15/02/2014	0	162	0
1	2	5	1367	08/02/2014	0	162	0
1	2	5	1367	01/02/2014	0	162	0
1	2	5	1367	25/01/2014	20	172	0
1	2	5	1367	18/01/2014	0	165	0
1	2	5	1367	11/01/2014	0	174	0
1	2	5	1367	04/01/2014	0	96	0
1	2	5	1367	28/12/2013	0	92	0
1	2	5	1367	21/12/2013	0	133	0
1	2	5	1367	14/12/2013	0	169	0
1	2	5	1367	07/12/2013	0	197	0
1	2	5	1367	30/11/2013	0	184	0
1	2	5	1367	23/11/2013	0	188	0
1	2	5	1367	16/11/2013	0	200	0
1	2	5	1367	09/11/2013	0	213	0
1	2	5	1367	02/11/2013	0	150	0
1	2	5	1367	26/10/2013	0	242	0
1	2	5	1367	19/10/2013	30	226	0
1	2	5	1367	12/10/2013	0	226	0
1	2	5	1367	05/10/2013	0	180	0
1	2	5	1367	28/09/2013	0	377	0
Totals					180	9236	1

Solvent used(delivered) = 180 Ltrs
 Weight of Dry Cleaning = 9236 Kg
 Residue removal - 1 drum x 120 Ltrs = 120 Ltrs(50% allowance applied)

KEY

DATE	Week ending date
LSOL	Litres of solvent delivered per week
KGDC	Weight of clothes cleaned per week
DRUMS	Number of still residue drums removed per week

Trained Staff

Donna	Aldridge
-------	----------

Site: **Cannon Park**

Month and year: **Oct 13 - Sept 14**

Machine:

Weight of work processed (kg)

Annual Total
Weight (kg)

a

9236					9236
------	--	--	--	--	------

Solvent used (litres)

Annual Total
(litres)

c

180					180
-----	--	--	--	--	-----

Estimated still residue for year (litres)

d

120

Still type / Allowance factor

Method of still cleaning		Waste Allowance	Total	Allowance
		e	d	f = e × d
Powder filter rake out		0.15	0	0
Ecological powder rake	x	0.35	120	42
Pumped out		0.5	0	0

Nominal Annual Solvent Use	(litres)	g = c - f	138
----------------------------	----------	------------------	------------

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		1600			
Siloxane	x	970	66.93	14.49	133.86
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**

Site: Cannon Park

Year: 2013 - 2014

Month and Year	Annual weight of work processed				Annual weight of solvent used				Annual solvent	Estimated still residue (Use this to check the total for each method of still cleaning against your waste collection notes, adjust the			
	a				b				l = Total b × 1000 ÷ Total a	(litres)			
	(kg)				(kg)								
	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
	9236	0	0	0	133.86	0.00	0.00	0.00	14.49	120.0			
Sub Totals	9236				133.86					120.0			

Annual Spot Cleaning Correction Factor (see Note 1):
m
(lts)
6.25

Total annual weight of work processed	Total annual weight of solvent used
n = Total a	p = Total b + m
(kg)	(kg)
9236	140.11

Annual total of solvent emitted per kg of work processed
q = p × 1000 ÷ n
(g/kg)
Annual result
15.17

Weight of work required to comply with regulations (kg):	7006
--	------

Complies with Regulations?	YES
----------------------------	-----