Solvent Inventory Ipswich Drive-In

C	D	R	SHOP	DATE	LSOL	KGDC	RESIDUE
1	2	5	1699	19/03/16	0	311	3
1	2	5	1699	12/03/16	0	369	3
1	2	5	1699	05/03/16	0	333	3
1	2	5	1699	27/02/16	0	377	3
1	2	5	1699	20/02/16	10	417	3
1	2	5	1699	13/02/16	0	404	3
1	2	5	1699	06/02/16	0	317	3
1	2	5	1699	30/01/16	0	376	3
1	2	5	1699	23/01/16	10	400	3
1	2	5	1699	16/01/16	0	328	3
1	2	5	1699	09/01/16	0	336	3
1	2	5	1699	02/01/16	0	320	3
1	2	5	1699	26/12/15	0	463	3
Totals					20	4751	39

KEY	
DATE	Week ending date
LSOL	Litres of solvent delivered per week
KGDC	Weight of clothes cleaned per week
RESIDUE	Estimated amount of still residue removed per week

Solvent used(delivered) = 20 Ltrs Siloxane
Weight of Dry Cleaning = 4751 Kg
Estimated residue removal = 39 Ltrs(35% allowance applied)

Site: Machine:	Ipswich Dr In		Month and year:	Dec 15 - Mar 16

Weight of work processed (kg)

					Quarterly Total Weight (kg)
					a
4751					4751

Solvent used (litres)

					Quarterly Total (litres)
					c
20					20

Estimated still residue for year (litres) | **d** | 39

Still type / Allowance factor

Method of still cleaning		Waste Allowance Factor	Total	Allowance
		e	**d**	**f** = e × d
Powder filter rake out		0.15	0	0
Ecological powder rake ou	x	0.35	39	13.65
Pumped out		0.5	0	0

Nominal Quarterly Solvent Use	(litres)	**g = c - f**	**6.35**

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	**748.19**	**1.30**	**6.16**
Hydrocarbon		970			
Other					

Solvent Usage Check : **OK**