

Submitted 21/1/05 during inspection -

REVISED VERSION DUE WITHIN ONE

MONTH WITH SUGGESTED AMENDMENTS BEING MADE -

Determination of Compliance with Reduction Scheme

Instructions: The below data sheet provides an easy-to-use tool to determine whether your installation meets the Reduction Scheme solvent solids ratio. Please enter the data in the yellow boxes as required. When all your data has been entered the spreadsheet will automatically calculate your solvent balance and allowable solvent under the Reduction Scheme and display the difference. The message at the bottom of the table tells you whether your installation meets the Reduction Scheme solvent solids ratio.

If Extra rows are required for a table then press the appropriate [button using the plus \(+\) sign on the right of the table](#)

COATINGS USED IN ACTIVITY:										
Ref	Type of Product	Description of Use of Product	VOC g/kg of product as specified by supplier	Solids g/kg of product as specified by supplier	Litres of product used in 12 month period as supplied	Mass of solids used in kg	Mass of solvent used in kg	Target Emission Factor from Table 4 of Guidance Note	Allowable solvent for product in kg under Reduction Scheme	Solvent balance in kg against allowable solvent under Reduction Scheme
1	EPOXY HARDENER	0452005	241	723	4301	3112.52	1037.51	0.56	1743.0264	725.5034
2	PU HARDENER	0457007	450	600	9785	5877	4407.75	0.56	3075.12	-1116.63
3	PU HARDENER	0457003	450	600	201	123	92.25	0.56	66.88	-23.37
4	AIR DRYING PU	180 LINE	436	713	214	152.582	93.304	0.56	95.44592	-1.6508
5	THINNERS					0	0		0	0
6	THINNERS					0	0		0	0
7	THINNERS					0	0		0	0
8	2K EPOXY PRIMER	2742003	256	1451	3465	5027.72	887.04	0.56	2815.3204	1828.4834
9	2K EPOXY PRIMER	2742005	267	1440	980	1411.2	261.90	0.56	790.272	528.612
10	2K EPOXY PRIMER	2742017	266	1440	9365	13485.6	2431.09	0.56	1551.936	-5000.840
11	2K PU RAL 1013	4870041	408	952	4300	4053.6	1754.4	0.56	2292.416	538.016
12	2K PU RAL 7012	4870042	376	1002	140	140.28	53.36	0.56	78.5568	25.4968
13	2K PU RAL 1007	4870045	414	1036	6520	6754.72	2099.28	0.56	3782.6432	1083.2632
14	2K PU RAL 7018	4870087	415	945	4860	4592.7	2018.8	0.56	2471.812	544.012
15	2K PU A PLANT GREEN	4870093	441	858	1120	962.08	493.92	0.56	538.7648	44.9448
16	2K PU ANDERSON BLUE	4870123	421	798	955	782.09	402.055	0.56	426.7704	24.7154
17	2K PU RAL 9016	4870176	400	1110	300	333	120	0.56	186.48	66.48
18	2K PU BS 0055	4870208	400	1110	1303	1486.33	521.2	0.56	800.9448	289.7448
19	2K PU SPECIAL COLOURS	487 LINE	435	925	2067	1811.58	899.145	0.56	1010.706	111.561
20	2K PU PRIMER	4890473	432	1064	980	1040.64	423.36	0.56	580.1184	162.7584
21	AEROSOL	900 LINE	699	197	2471	486.781	1724.76	0.56	772.40072	-1452.7572
Sub TOTAL										

OTHER SOLVENTS USED IN ACTIVITY E.G. THINNING/CLEANING :				
Ref	Type of Thinning/Cleaning or Other Solvent Used	Specific Gravity from Supplier	Litres used in 12 month period	Mass of other solvent used (kg)
1	Thinners 0480040	1.09	90	98.1
2	Thinners 4000090	0.848	4700	3985.6
3	Thinners 4000094	0.806	10455	8425.73
Sub				

SOLVENTS REMOVED FROM THE SITE AS WASTE				
Ref	Type of waste	Estimated amount of solvent in waste (litre)	Amount of waste removed from site (litres)	Mass of solvent disposed of (kg)
1	Mixed Paint & Solvent Waste (BCL) removed by Sharn's Waste	614.80	29000	17932.84
Can recycle				

Total Actual Emission	Total Target Emission	Difference (kg)
38209.617	16485.36584	13937.52844

The mass of products, thinners and equipment cleaning solvents used shows the installation meets the Reduction Scheme solvent solids ratio

Total Net amount VOC use [] kg