

**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 **insert row button found in the top right of the table**

**COATINGS USED IN ACTIVITY:**

**TEREX CE JAN 01st 2011 - DEC 31st 2011**

Ref	Type of Product	Description of Use of Product	VOC g/kg or g/litre of product supplied as specified by supplier	Solids g/kg or g/litre of product supplied as specified by supplier	Litres or kg 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	045/7002	ACCELERATOR FOR 2pk p/u	507	497	25	12.425	12.675	0.6	7.455	-5.22
2	045/0380	ACCELERATOR FOR FLOOR PAINT	596	321	100	32.1	59.6	0.6	19.26	-40.34
3	045/2005	HI SOLS EPOXY CURING AGENT	243	721	4093	2951.35	994.304	0.6	1770.808618	776.5043136
4	045/7001	ACCELERATOR	507	497	6355	3158.31	3222.11	0.6	1894.98474	-1327.12736
5	045/7009	HARDENER FOR 2PK POLYURETHANE	507	497	1640	815.047	831.513	0.6	489.02832	-342.48448
6	062/0226	STANCLERE SOLUTION IN XYLENE	793	88	5	0.44	3.965	0.6	0.264	-3.701
7	180/2096	RAL 1003 F/G ACRYLATED ALKYD ENAMEL	450	550	23	12.65	10.35	0.6	7.59	-2.76
8	180/2099	RAL 1013 PEARL WHITE TOUCH UP ENAMEL	473	764	30	22.9191	14.1909	0.6	13.7514816	-0.4393824
9	180/2102	YELLOW RAL 1023 ACRYLATED ALKYD ENM	450	550	35	19.25	15.75	0.6	11.55	-4.2
10	180/2119	RAL 1007 HIGH OPACITY FG QAD ENAMEL	450	550	65	35.75	29.25	0.6	21.45	-7.8
11	180/2101	GREEN RAL 6018 ACRYLATED ALKYD ENAL	450	550	10	5.5	4.5	0.6	3.3	-1.2
12	180/2141	RAL 3020 TOUCH UP ENAMEL	450	550	10	5.5	4.5	0.6	3.3	-1.2
13	180/2142	RAL 7039 TOUCH UP ENAMEL	450	550	15	8.25	6.75	0.6	4.95	-1.8
14	180/2144	DULL BLACK 40% GLOSS T/UP ENL	450	550	110	60.5	49.5	0.6	36.3	-13.2
15	180/2147	WHITE 00 E 55 TOUCH UP ENAMEL	450	550	5	2.75	2.25	0.6	1.65	-0.6
16	180/2117	ENAMEL	450	550	18	9.9	8.1	0.6	5.94	-2.16
17	180/2214	VERMILLION RAL 2002 A/D ALKYD T/UP	450	550	25	13.75	11.25	0.6	8.25	-3
18	180/2219	GRAPHITE GREY RAL 7024 TOUCH UP	450	550	18	9.9	8.1	0.6	5.94	-2.16
19	180/2237	STEEL BLUE RAL 5011 T/UP	450	550	3	1.65	1.35	0.6	0.99	-0.36
20	180/2271	RED RAL 3002 AIR DRY T/UP	450	550	25	13.75	11.25	0.6	8.25	-3
21	180/2280	RAL 1028 FULL GLOSS TOUCH UP	450	550	15	8.25	6.75	0.6	4.95	-1.8
22	180/2294	GENIE GREY USA S/G TOUCH UP	450	550	50	27.5	22.5	0.6	16.5	-6
23	180/2301	ORANGE RAL 2011 AIR DRY T/UP	450	550	10	5.5	4.5	0.6	3.3	-1.2
24	180/2159	WHITE RAL 9002 ALKYD FULL GLOSS	450	550	25	13.75	11.25	0.6	8.25	-3
25	180/2171	RAL 5010 ALKKD TOUCJ UP	450	550	15	8.25	6.75	0.6	4.95	-1.8
26	180/2199	BLUE RAL 5002 TOUCH UP	450	550	5	2.75	2.25	0.6	1.65	-0.6
27	180/2293	GENIE BLUE USA S/G TOUCH UP	450	550	95	52.25	42.75	0.6	31.35	-11.4
28	180/2312	MANITO ORANGE T/UP	450	550	10	5.5	4.5	0.6	3.3	-1.2
29	180/2313	MANITO GREY T/UP	450	550	20	11	9	0.6	6.6	-2.4
30	180/2316	RAL 7047 TELEGREY 3K PU FINISH	445	719	13	9.347	5.785	0.6	5.6082	-0.1768
31	180/2317	MANITO RED T/UP	450	550	15	8.25	6.75	0.6	4.95	-1.8
32	180/2318	LOXAM RED T/UP	450	550	20	11	9	0.6	6.6	-2.4
33	180/2319	MATECO RED T/UP	450	550	13	7.15	5.85	0.6	4.29	-1.56
34	180/2321	YELLOW RAL 1016 T/UP	450	550	13	7.15	5.85	0.6	4.29	-1.56
35	180/2322	YELLOW RAL 1004 T/UP	450	550	3	1.65	1.35	0.6	0.99	-0.36
36	180/2326	RAL 6018 T/UP	450	550	8	4.4	3.6	0.6	2.64	-0.96
37	273/2564	PT NATO GREEN IRR 2PK P/U	476	771	248	191.208	118.048	0.6	114.7248	-3.3232
38	274/2003	K5 BUFF HI SOLS 2PK EPOXY PRIMER	267	1471	14600	21482.3	3892.49	0.6	12889.38341	8996.889088
39	276/1007	YELLOW 08-E-51 JCB 2PK EPOXY FLOOR	318	1155	60	69.3	19.08	0.6	41.58	22.5
40	276/1010	BLUE 18-E-53 JCB 2PK EPOXY FLOOR PT	318	1155	65	75.075	20.67	0.6	45.045	24.375
41	276/1017	GREY RAL 7037 2PK EPOXY FLOOR PAINT	318	1155	120	138.6	38.16	0.6	83.16	45
42	497/0008	BLACK S-G (40%/60 D) 2-P P/U FINISH	476	771	60	46.2687	28.5513	0.6	27.7612128	-0.7900992
43	497/0022	YELLOW RAL 1003 HISOL 2PK P U	409	928	5	4.6414	2.0436	0.6	2.7848373	0.7412328
44	497/0099	YELLOW RAL 1023 FG HISOL 2PK PU FIN	410	990	20	19.8	8.2	0.6	11.88	3.68
45	497/0549	STRUCTURED PEARL WHITE 2PK PU	445	986	5500	5423	2447.5	0.6	3253.8	806.3
46	497/0186	SILVER 2 PK POLYURETHANE FINISH	445	719	10	7.18886	4.45114	0.6	4.3133184	-0.1378176
47	497/0433	RAL 7047 TETEGREY 2K P/U	409	771	5	3.855	2.045	0.6	2.313	0.268
48	497/0209	WHITE 00 E 55 HI SOL 2PK P FINISH	399	1114	60	66.8595	23.9205	0.6	40.115682	16.195152
49	593/3020	RAL 3020 RED 2K FG PU FIN	415	968	5	4.84	2.075	0.6	2.904	0.829
50	497/0500	STEEL BLUE RAL 5011 F/G 2PK PU FIN	415	968	10	9.68	4.15	0.6	5.808	1.658
51	497/0549	STRUCTURED PEARL WHITE 2K PU FINISH	422	1059	129	136.581	54.4681	0.6	81.94855806	27.48048816
52	497/0556	STRUCTURED GREY RAL 7024 2K PU FIN	411	926	8540	7911.52	3506.46	0.6	4746.911005	1240.449347
53	497/0560	STRUCTURED RAL 1007 2K PU FINISH	413	1035	1740	1800.95	718.567	0.6	1080.571738	362.0046336
54	490/H709	K5 GREY GREEN 2K EPOXY PRIMER	318	1155	15	17.325	4.77	0.6	10.395	5.625
55	539/3002	CARMINE RED RAL3002 FG 2K PU FIN	419	785	440	345.4	184.36	0.6	207.24	22.88
56	539/3020	RAL 3020 RED 2K FG PU FIN	432	762	20	15.2307	8.64934	0.6	9.1383984	0.4890624
57	539/H312	LOXAM RED 2K FG PU FIN	432	762	5	3.81	2.16	0.6	2.286	0.126
58	539/H313	MATECO RED 3K FG PU FIN	432	762	5	3.81	2.16	0.6	2.286	0.126
59	539/H518	BLUE 18 D -43 2K PU FINISH	432	762	15	11.43	6.48	0.6	6.858	0.378
60	539/H713	MANITO GREY 2K PU GLOSS FIN	432	762	10	7.62	4.32	0.6	4.572	0.252
61	CP3003	HARDENER (1.5LRS)	507	497	21	10.437	10.647	0.6	6.2622	-4.3848
62	JC3077FA	VERT IR OTAN	476	771	42	32.382	19.992	0.6	19.4292	-0.5628
63	D840	DEGRESER	507	497	800	397.584	405.616	0.6	238.5504	-167.0656
64	G4603-25	PEELER COAT	688	88	200	17.6	137.6	0.6	10.56	-127.04

**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	400/0090 Cleaning Solvent	0.849	15,785	-13401.465
2	046/0085	0.86	1,095	-941.7
3	046/0309	0.883	265	-233.995
4	046/0373	0.867	100	-86.7

SOLVENTS REMOVED FROM THE SITE AS WASTE				
Ref	Type of waste	Estimated amount of solvent in waste (g/litre)	Amount of waste removed from site (litres)	Mass of solvent disposed of (kg)
1	Mixed Paint & Solvent Waste IBC's removed by Shank's Waste.	614.86	22000	13526.92

Total Actual Emission	Total Target Emission	Difference (kg)
18264.28	27377.81212	9113.536979

The mix of products, thinners and equipment cleaning solvents used shows the installation meets the Reduction Scheme solvent:solids rati

