

KEY PERFORMANCE INDICATORS 2015

ENVIROMENTAL PERMIT EPR/EP38330

LIBERTY STEEL NEWPORT LTD

HOT STRIP MILL

REPORTING 4.1.7

(i) Production Tonnage 2015

Production Tonnage	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total (Tonnes)
(Saleable Tonnes)	0	0	0	0	0	0	0	0	0	10,349	18,347	28,195	56,890.19

(ii) Releases to Air*

	Emission Rate	Operating hrs	Tonnes	Kg's/Mt of Finished Product
Annual Release Carbon Dioxide	(Estimated) kg/hr	Hrs		
Annual Release Nox as NO2	(Calculated) 4.899	1008	3,919.160	68.890
Annual Release Particulate	(Calculated) 0.767	1008	4.938	0.087
			0.773	0.014

	Cd	Cr	Cu	Fe	Pb	Hg	Ni	Zn	As	Mn
Measured Release mg/m3	0.0012	0.019	0.19	0.61	0.24	0.00017	0.024	0.13	0.0065	0.013
Emission Rate g/hour	0.052	0.810	8.280	26.460	10.190	0.540	0.007	1.050	0.280	5.770
kg/annum	0.052	0.816	8.346	26.672	10.272	0.544	0.007	1.058	0.282	5.816

Grammes Per Mt of Finished Product **0.000921 0.014352 0.146708 0.468827 0.180550 0.009568 0.000129 0.018604 0.004961 0.102235**

(iii) Releases to Water*

	Susp Solids	Cd	Cr	Cu	Fe	Pb	Hg	Ni	Zn	As	Oils/ Grease
Average mg/l 2015	16.778	0.001	0.016	0.012	0.617	0.014	0.0001	0.008	0.03	0.01	0.065
litres/annum	2628000	2628000	2628000	2628000	2628000	2628000	2628000	2628000	2628000	2628000	2628000
Kg/annum	44092.584	2.628	42.048	31.536	1621.476	36.792	0.263	21.024	78.840	26.280	170.820

Kg's/Per Mt of Finished Product (2014)	5719.054	0.173	7.411	2.050	3.627	1.892	0.016	0.520	3.154	0.788	9.618
Kg's/Per Mt of Finished Product (2015)	0.77505	0.00005	0.00074	0.00055	0.02850	0.00065	0.00000	0.00037	0.00139	0.00046	0.00300

(iv) Supplied Water*

	Tonnes	Kg's/Mt of Finished Product
Welsh Water	9,914.00	174.266
Non Potable Water ex United Utilities	0.00	0.000

(v) Non Recoverable Waste*

Waste Type	Tonnes	Kg's/Mt of Finished Product
10 02 10 Mill Scale	0.00	0.000
16.02.14 WEE	0.00	0.000
16.01.03 Tyres	0.00	0.000
19 08 05 WC Waste	148.74	2.615
11 01 13 Degreasing wastes	0.21	0.004

13.02.08	Other engine gear and lube oils	9.00	0.158
15.02.02	Absorbents etc contaminated with dangerous substances	0.00	0.000
18.01.04	Wastes whose collection and disposal is not subject to special reqs	0.01	0.000
20 03 01	Mixed municipal waste	7.80	0.137
20 10 40	Ferrous Scrap	0.00	0.000
20 10 40	Non Ferrous Scrap	0.00	0.000
10 02 02	Slag	0.00	0.000
10 12 08	Refractory Waste	0.00	0.000
<i>Total</i>		<i>165.76</i>	<i>2.914</i>

* *Unable to compare with previous period due to zero production during 2014*