

Appendix 3.7 Detailed Breakdown of Emissions from Shiu Wing Steel Mill

Process	Emission Rate (g/s) ⁽¹⁾						
	RSP	NOX	SO2	CO	Manganese	Lead	Others ⁽²⁾
% of heavy metal contained in the residual dust particles					1.70%	1.40%	0.20%
Arc furnace stack	1.78	5.59	-	186	3.026E-02	2.492E-02	0.00356
Re-heat furnace stack	0.23	4.89	8.07		-	-	-
Rolling mill	0.18	-	-		-	-	-
Vehicle Movements - scrap/product	0.19	-	-		-	-	-
Scrap handling - sea/scrap	0.05	-	-		-	-	-
Slag handling	0.05	-	-		-	-	-

Notes:

(1) All the above values are based on Shiu Wing Steel Mill EIA Report

(2) Other heavy metals including mercury, chromium, cadmium, vanadium and nickel.