

Table 1. Summary of characterisation/classification discussions held on PM Refinables at 20-21 May 2010 PM Refiners WG meeting												
Group	Material	REACH Annex VII										Comment
							CLP					
		Melting / Freezing point	Boiling point	Relative density	Vapour pressure	Water solubility	Flammability	Explosive properties	Self-ignition	Oxidising properties	Corrosivity to metals	
1	Doré	Test	See MP test results	Test	See MP test results	Available (T/D)	Waive, only massive	Waive, not explosive	See MP test results	Test	Not corrosive	Confirm reference sample after repeated 24h T/D pre-test on pure doré
2	Matte, PM refining	Test	See MP test results	Test	See MP test results	Available (T/D)	Test	Waive, not explosive	See MP test results	Test non-oxidised sample	Corrosive	
3	Slags, PM refining	Test	See MP test results	Test	See MP test results	Available (T/D)	Waive, only massive	Waive, not explosive	See MP test results	Test	Corrosive	Confirm reference sample from four types: ideally one of the two samples provided by t
4	Slimes and sludges, PM refining	Test	See MP test results	Test	See MP test results	Consider T/D	Test	Test	See MP test results	Test	Corrosive	
5.1	Residues, FeCuPbNi matte leaching	Test	See MP test results	Test	See MP test results	Available (T/D)	Test	Waive, not explosive	See MP test results	Test	Corrosive	
5.2	Residues, Cu speiss acid leaching	Test					Test	Waive, not explosive	See MP test results	Test	Corrosive	
6.1	Ag electrolyte						Waive, inorganic solution	Waive, solution	Waive, solution ?	Waive, solution ?	Corrosive	
6.2	Au electrolyte						Waive, inorganic solution	Waive, solution	Waive, solution ?	Waive, solution ?	Corrosive	
7	Flue dusts, PM refining	Test					Waive, oxidic	Test	See MP test results	Waive, oxidic	Corrosive	
8	Residues, PM refining cementation and reduction	Test					Test	Test	See MP test results	Test	Corrosive	
9.1	Materials for reclaim, PM with or without support	Test	See MP test results	Test	See MP test results	Available (T/D)	Test, C-support sample	Test, C-support sample	See MP test results	Waive	Corrosive	
9.2	Materials for reclaim, bricks, crucibles, trays, etc.	Test					Waive, only massive	Waive, not explosive	See MP test results	Waive	Not corrosive	
9.3	Materials for reclaim, PM production by-products (e.g. PM sweeps)	Test					Test	Test	See MP test results	Test	Corrosive	
10	PGM rich Lead bullion	Test					Read-across from Pb Consortium	Read-across from Pb Consortium	Read-across from Pb C	Read-across from Pb Consortiu	Read-across from Pb Consortium	
	Amount of sample required per test											
	TOTAL (maximum) cost per test (as per Harlan quote dated 8 April 2010 + WCA) (£)	620	620	690	2760	3600	870	2300	1889	4900	0	
	TOTAL (maximum) n° of tests at Harlan	12	6	6	6	0	7	5	11	8	0	61