

Appendix 3

List of Deliverable Brands of Bonded Copper Futures of the Shanghai International Energy Exchange

	Country	Producer	Origin	Brand	Grade/Specification	Premium / Discount	Dimension (mm)	Bundle Weight	Bundle / Lot
1	China	Jiangxi Copper Company Limited	Guixi, Jiangxi	Guiye	Grade A Copper (conventional electrolysis)	Flat	1,020*1,010*16	2,500	10
				Jiangtong (Guixi / ISA)	Grade A Copper (ISA)	Flat	1,020*1,010*7.5	2,500	10
2	China	Tongling Nonferrous Metals Group Co., Ltd.	Tongling, Anhui	TG-JG (Tongling / KIDD)	Grade A Copper (KIDD)	Flat	1,060*1,030*16	2,780	9
3	China	Yunnan Copper Co., Ltd.	Kunming, Yunnan	Tiefeng (Kunming / conventional electrolysis)	Grade A Copper (conventional electrolysis)	Flat	890*850*8	2,500	10
				Tiefeng (Kunming / ISA)	Grade A Copper (ISA)	Flat	913*903*7	2,500	10
4	China	Daye Nonferrous Metals Co., Ltd.	Huangshi, Hubei	Dajiang (Huangshi / conventional electrolytic small plate)	Grade A Copper (conventional electrolysis)	Flat	810*780*13	2,100	12
				Dajiang (Huangshi / conventional electrolytic large plate)	Grade A Copper (conventional electrolysis)	Flat	1,030*1,000*18	2,500	10
				Dajiang (Huangshi / ISA)	Grade A Copper (KIDD)	Flat	1,025*1,025*18	2,500	10
5	China	Baiyin Nonferrous Group Co., Ltd.	Baiyin, Gansu	Honglu	Grade A Copper (conventional electrolysis)	Flat	1,025*990*13	2,500	10
6	China	Jinchuan Group Co., Ltd.	Jinchuan, Gansu	JNMC	Grade A Copper (conventional electrolysis)	Flat	1,030*1,000*15	2,500	10
7	China	Northern Copper Industry Co., Ltd.	Yuanqu, Shanxi	Zhongtiaoshan	Grade A Copper (conventional electrolysis)	Flat	900*740*10	2,080	12
							900*740*10	2,500	10
8	China	Jinlong Copper Co., Ltd.	Tongling, Anhui	Jintun	Grade A Copper (conventional electrolysis)	Flat	1,035*1,015*8-13	2,500	10

				TG-JL	Grade A Copper (KIDD)	Flat	1,060*1,030*10	2,500	10
9	China	Zhangjiagang Union Copper Co., Ltd.	Zhangjiagang, Jiangsu	Tongguan (Zhangjiagang / conventional electrolysis)	Grade A Copper (Zhangjiagang / conventional electrolysis)	Flat	1,000*740*14	2,500	10
10	China	Shandong Jinsheng Non-Ferrous Group Co., Ltd.	Linyi, Shandong	Yimeng	Grade A Copper (conventional electrolysis)	Flat	900*780*12.5	2,480	10
				Yimeng	Grade A Copper (KIDD)	Flat	1,040*1,000*8	2,500	10
11	China	Dongying Fangyuan Nonferrous Metals Co., Ltd.	Dongying, Shandong	Lufang	Grade A Copper (conventional electrolysis)	Flat	1,020*810*10-12	2,500	10
12	China	Yanggu Xiangguang Copper Co., Ltd.	Yanggu, Shandong	Xiangguang	Grade A Copper (ISA)	Flat	1,030*1,010*7	2,500	10
				Xiangguang	Grade A Copper (KIDD)	Flat	1,030*1,010*7	2,500	10
13	China	Hebei Dawufeng Jianchang Copper Industry Limited Company	Baoding, Hebei	Changda	Grade A Copper (conventional electrolysis)	Flat	910*935*10	2,500	10
14	China	Zijin Copper Co., Ltd.	Shanghang, Fujian	Zijin	Grade A Copper (KIDD)	Flat	1,010*1,030*8	2,500	10
15	China	Jiangxi Copper (Qingyuan) Co., Ltd.	Qingyuan, Guangdong	Jiangtong (Qingyuan / conventional electrolysis)	Grade A Copper (conventional electrolysis)	Flat	1,030*1,000*10	2,500	10
16	China	Guangxi Jinchuan Nonferrous Metals Co., Ltd.	Fangchenggang, Guangxi	JNMC (Fangchenggang / KIDD)	Grade A Copper (KIDD)	Flat	1,030*1,010*10	2,500	10
17	China	Henan Yuguang Gold & Lead Co., Ltd.	Jiyuan, Henan	YG	Grade A Copper (KIDD)	Flat	1,040*1,020*12	2,500	10
18	China	Henan Zhongyuan Gold Smelter LLC	Sanmenxia, Henan	ZJZY	Grade A Copper (KIDD)	Flat	1,040*1,020*8	2,500	10
19	China	Zhejiang Jiangtong Fuye Heding Copper Co., Ltd.	Fuyang, Zhejiang	Jinfeng	Grade A Copper (KIDD)	Flat	1,045*1,025*14	2,500	10
20	China	Xinjiang Wuxin Copper Industry Co., Ltd.	Changji, Xinjiang	Tianfu	Grade A Copper (conventional electrolysis)	Flat	1,000*1,000*13	2,500	10
21	China	Yunnan Tin Company Ltd.	Honghe, Yunnan	YT	Grade A Copper (conventional electrolysis)	Flat	1,030*1,030*12	2,500	10

22	USA	Freeport-McMoRan Copper & Gold Inc.	El Paso (TX)	P*D	Grade A Copper (conventional electrolysis)	Flat	972*959*18	2,250	11
23	Chile	CODELCO	Ventanas	ENM	Grade A Copper (conventional electrolysis)	Flat	960*980*14	2,300	11
24	Chile	CODELCO	Potrerillos	AE	Grade A Copper (conventional electrolysis)	Flat	970*780*13	2,800	9
25	Spain	Freeport-McMoRan Copper & Gold Inc.	Huelva	FMS	Grade A Copper (ISA)	Flat	985*930*7	3,100	8
26	South Korea	LS-Nikko Copper Inc.	Onsan-eup (Ulsan)	ONSAN I	Grade A Copper (KIDD)	Flat	1,070*932*13	2,500	10
27	South Korea	LS-Nikko Copper Inc.	Onsan-eup (Ulsan)	ONSAN II	Grade A Copper (KIDD)	Flat	1,020*980*11	2,300	11
28	Chile	Minera Michilla S.A.	Mejillones	MIC-P	Grade A Copper (SX-EW)	Flat	960*1000*6	1,400	18
29	Chile	Minera Michilla S.A.	Mejillones	MIC-T	Grade A Copper (SX-EW)	Flat	1,100*1,000*10	1,950	13
30	USA	Kennecott Utah Copper Corp.	Magna (UT)	KUC	Grade A Copper (conventional electrolysis)	Flat	990*993*5	2,520	10
31	Chile	CODELCO	Chuquicamata	CCC SX-EW	Grade A Copper (SX-EW)	Flat	1,100*920*7	2,300	11
32	Poland	KGHM Polska Miedź S.A.	Głogów	HMG-B	Grade A Copper (conventional electrolysis)	Flat	1,030*1,030*12	1,900	13
33	Poland	KGHM Polska Miedź S.A.	Głogów	HMG-S	Grade A Copper (conventional electrolysis)	Flat	910*910*14	1,900	13
34	Poland	KGHM Polska Miedź S.A.	Legnica	HML	Grade A Copper (conventional electrolysis)	Flat	918*785*14	2,100	12
35	Brazil	Caraiba Metais	Dias D'Avila, Bahia	CbM	Grade A Copper (conventional electrolysis)	Flat	990*970*15	2,500	10
36	Chile	Anglo American Chile	Antofagasta	MB	Grade A Copper (SX-EW)	Flat	1,000*1,100*8	2,500	10
37	Chile	Anglo American Chile	Copiapó	MV	Grade A Copper (SX-EW)	Flat	1,004*1,000*8	2,500	10

38	Chile	Minera Escondida	Antofagasta	ESOX	Grade A Copper (SX-EW)	Flat	1,000*1,000*8-10	2,500	10
39	Chile	Compañía Minera Cerro Colorado	Iquique	CMCC	Grade A Copper (SX-EW)	Flat	1,000*1,000*5	2,500	10
40	Canada	Glencore Canada Corp.	Quebec	NORANDA	Grade A Copper (KIDD)	Flat	937*949*14	3,100	8
41	Chile	Freeport-McMoRan Copper & Gold Inc.	Calama	ABRA	Grade A Copper (SX-EW)	Flat	1000*1000*5	2,500	10
42	Peru	Freeport-McMoRan Copper & Gold Inc.	Arequipa	SMCV	Grade A Copper (SX-EW)	Flat	1,000*1,020*20	3,125	8
			Uchumayo						
43	Japan	Sumitomo Metal Mining Co. Ltd.	Ehime	SUMIKO-N	Grade A Copper (conventional electrolysis)	Flat	1,060*1,080*17	2,800	9
44	Japan	Sumitomo Metal Mining Co. Ltd.	Ehime	SUMIKO-T	Grade A Copper (conventional electrolysis)	Flat	1,060*1,080*17	2,800	9
45	Indonesia	PT. Smelting	Java	GRESIK	Grade A Copper (ISA)	Flat	1,000*1,000*6	2,500	10
46	The Philippines	PASAR	Isabel	PSR ISABEL	Grade A Copper (ISA)	Flat	1,040*1,020*8	2,500	10
47	Chile	CODELCO	Chuquicamata	cCc-P	Grade A Copper (KIDD)	Flat	1,270*925*12-18	2,750	9
48	Australia	Mount Isa Mines Limited	Townsville	ISA	Grade A Copper (ISA)	Flat	975*965*10	3,168	8
49	Chile	CODELCO	Radomiro Tomic	RT	Grade A Copper (SX-EW)	Flat	1,050*1,000*9-11	2,270	11
50	Peru	Southern Perú Copper	Ilo	SPCC-ILO	Grade A Copper (conventional electrolysis)	Flat	1,020*1,020*20	3,600	7
51	Chile	Centinela Antofagasta Minerals	Antofagasta	MET	Grade A Copper (SX-EW)	Flat	1,000*1,000*4	2,300	11