

COPPER

Country	Brand	Producer
Australia	ISA	Mount Isa Mines Ltd
	OLYDA	BHP Billiton Olympic Dam Corporation Pty Ltd
Austria	BRX	Montanwerke Brixlegg Aktiengesellschaft
Belgium	OLEN	n.v. Cumerio s.a.
	SME	Metallo-Chimique N.V.
Brazil	CbM	Caraiba Metais SA
Canada	FKA	Falconbridge Ltd
	NORANDA (produced after October 1999)	Falconbridge Ltd
Chile	ABRA	Sociedad Contractual Minera El Abra
	AE	Corporacion Nacional del Cobre de Chile
	AE SX EW	Corporacion Nacional del Cobre de Chile
	CCC***	Corporacion Nacional del Cobre de Chile
	CCCP	Corporacion Nacional del Cobre de Chile
	CCC-SBL	Corporacion Nacional del Cobre de Chile
	cCc-SX-EW	Corporacion Nacional del Cobre de Chile
	CDA	Compañía Minera Carmen de Andacollo
	CHUQUI-P	Corporacion Nacional del Cobre de Chile
	CMCC	Compañía Minera Cerro Colorado Ltda
	COLLAHUASI (produced after December 1998)	Compania Minera Dona Ines De Collahuasi SCM
	ENM	Corporacion Nacional del Cobre de Chile
	ESOX (produced after April 1999)	Minera Escondida Limitada
	LBF	Compania Minera Xstrata Copper Lomas Bayas
	MET	Minera El Tesoro
	MIC-P	Minera Michilla S.A
	MIC-T	Minera Michilla S.A
	MB	Empresa Minera de Mantos Blancos SA
	MV	Empresa Minera de Mantos Blancos SA
	QB	Compania Minera Quebrada Blanca SA
RT	Corporacion Nacional del Cobre de Chile	
ZALDIVAR	Compania Minera Zaldivar	
China	GUIYE	Jiangxi Copper Company Ltd.
	JCC	Jiangxi Copper Company Ltd.
	JINTUN (produced after 31/8/97)	Jinlong Copper Co., Ltd
	TIE FENG	Yunnan Copper Industry Co., Ltd
	TG	Tongling Nonferrous Metals Group Co., Ltd.
Germany	HK	Norddeutsche Affinerie AG
	NA-ESN	Norddeutsche Affinerie AG
India	BIRLA COPPER	Hindalco Industries Limited
	BIRLA COPPER II	Hindalco Industries Limited
	STERLITE	Sterlite Industries (India) Ltd
	STERLITE T	Sterlite Industries (India) Ltd
Indonesia	GRESIK	PT Smelting
Japan	DOWA	Dowa Metals & Mining Co., Ltd
	HR	Pan Pacific Copper Co., Ltd.
	MITSUBISHI	Mitsubishi Materials Corporation
	OSR	Onahama Smelting & Refining Co Ltd
	SR**	Nippon Mining and Metals Co Ltd
	SUMIKO N	Sumitomo Metal Mining Co Ltd
	SUMIKO S	Sumitomo Metal Mining Co Ltd
SUMIKO T	Sumitomo Metal Mining Co Ltd	

	TAMANO	Pan Pacific Copper Co., Ltd.
	ONSAN*	LS-Nikko Copper Inc.
	ONSAN I	LS-Nikko Copper Inc.
	ONSAN II	LS-Nikko Copper Inc.
Myanmar	MONYWA S&K	Myanmar Ivanhoe Copper Company Ltd
Norway	FHG	Falconbridge Nikkelverk A/S
Oman	OMCO	Oman Mining Co LLC
Peru	SMCV	Sociedad Contractual Minera Cerro Verde
	SPCC-ILO	Southern Peru Copper Corporation
	SPCC-SXEW	Southern Peru Copper Corporation
Philippines	PASAR***	Philippine Associated Smelting and Refining Corporation
Poland	HMG-B	KGHM Polska Miedz SA
	HMG-S	KGHM Polska Miedz SA
	HML	KGHM Polska Miedz SA
South Africa	PMC	Palabora Mining Company Ltd
Spain	FMS	Atlantic Copper SA
Sweden	BK	Boliden Mineral AB
USA	ATR	ASARCO LLC
	CBCC	Freeport-McMoRan Copper & Gold Inc.
	CTB	Freeport-McMoRan Copper & Gold Inc.
	KUC	Kennecott Utah Copper Corporation
	P*D	Freeport-McMoRan Copper & Gold Inc.
	RAY	ASARCO LLC
Zambia	MCM	Mopani Copper Mines Plc
	REC	Konkola Copper Mines plc

* not good for delivery if placed on warrant after 26.08.06

** not good for delivery if placed on warrant after 21.10.07

*** not good for delivery if placed on warrant after 21.08.08

LEAD

Country	Brand	Producer
Australia	ZINIFEX BHAS BROKEN HILL - AUSTRALIA 9997	Nyrstar NV
	ZINIFEX BHAS BROKEN HILL - AUSTRALIA 9999	Nyrstar NV
Austria	BBU	BMG Metall und Recycling GmbH
Belgium	HOBOKEN EXTRA RAFFINE	Umicore
	MCR MADE IN BELGIUM	Campine Recycling NV
Bulgaria	HP6/OU3 99.97%	Lead & Zinc Complex Ltd, Kardjali
	HP6/OU3 99.985%	Lead & Zinc Complex Ltd, Kardjali
	HP6/OU3 99.99%	Lead & Zinc Complex Ltd, Kardjali
	KUM 99.97%	KCM-SA, Plovdiv
	KUM 99.99%	KCM-SA, Plovdiv
Canada	AIM	American Iron & Metal Company Inc.
	COMINCO	Teck Cominco Metals Ltd
	NORANDA	Falconbridge Ltd
	NOVA PB	Newalta Industrial Services Inc
	TONOLLI CANADA	Tonolli Canada Ltd
China	CY	Guangxi Chengyuan Mining & Smelting Co., Ltd.
	HANJIANG	Western Mining Co Ltd
	IBIS	Baiyin Nonferrous Metals Group Co. Ltd.
	NH-R	Shenzhen Zhongjin Lingnan Nonfermet Co. Ltd.
	NF	Hechi Nanfang Non-ferrous Metals Smelt Co. Ltd.
	Q JIN SHA 9999+	Yunnan Chihong Zinc & Germanium Co., Ltd.
	SKS	Shui Kou Shan Nonferrous Metals Group Co., Ltd.
	TORCH	Zhuzhou Smelter Group Co. Ltd
	YT 99.99	Yunnan Tin Company Limited
	YUGUANG	Henan Yuguang Gold & Lead Co., Ltd
	YUNSHA PB99.994%MIN	Yunnan Zhenxing Lead Industry Co., Ltd.
YY PB 99.994PCT	Shadian Refinery	
Germany	BSB	BSB Recycling GmbH
	F	Muldenhütten Recycling und Umwelttechnik GmbH
	ME WESER	Metaleurop Weser GmbH
	NA (NORDDEUTSCHE AFFINERIE) F99985	Norddeutsche Affinerie AG
	NA (NORDDEUTSCHE AFFINERIE) H9997	Norddeutsche Affinerie AG
	STOLBERG	"Berzelius" Stolberg GmbH
India	VEDANTA 99.99	Hindustan Zinc Ltd.
Italy	MAK-1	Piombifera Bresciana Spa
	P. COLOMBO	Piomboghe Srl
	ECO BAT	Eco-Bat SpA
	SAN GAVINO	Portovesme Srl
Japan	EMK-K	Mitsui Mining & Smelting Co Ltd
	EMK-T	Mitsui Mining & Smelting Co Ltd
	SK	Sumitomo Metal Mining Co Ltd
	TAK	Toho Zinc Co Ltd
	THREE DIAMOND	Mitsubishi Materials Corporation
Kazakhstan	YK	Kazzinc JSC

Korea (South)	KZ-LEAD	Korea Zinc Co Ltd
Malaysia	MRISB MALAYSIA	Metal Reclamation (Industries) Sdn. Bhd.
Mexico	PENOLES	Met-Mex Penoles SA de CV
Morocco	PZ MAROC	Societe des Fonderies de Plomb de Zellidja
Peru	CP PERU INDUSTRIA PERUANA	The Doe Run Company
Poland	H20POLSKAMS	Huta Cynku "Miasteczko Slaskie" S.A.
Spain	FESA	Metalurgica de Medina SA
	RECOBAT PB	Recobat, S.L
	TUDOR	S.E. del Acumulador Tudor, S.A.
Sweden	BERA	Boliden Bergsoe AB
	BOLIDEN A	Boliden Mineral AB
Taiwan	TMI	Thye Ming Industrial Co Ltd
UK	BLCO 9997%	Britannia Refined Metals Ltd
	BLCO 9999%	Britannia Refined Metals Ltd
	HJ ENTHOVEN & SONS	H.J. Enthoven & Sons
USA	DOE RUN	The Doe Run Company
	EXIDE	Exide Technologies
	GNB	Exide Technologies
	REVERE	RSR Corporation
	RSR-CLFR	RSR Corporation
	RSR-INDY	RSR Corporation
	SANDERS	Sanders Lead Co., Ltd.
	SCHUYLKILL	Exide Technologies

ZINC

Country	Brand	Producer
Algeria	SNS SHG	Alzinc Spa
Australia	AZ-SHG Zn 99995	Nyrstar NV
	SMC	Sun Metals Corporation Pty Ltd
Belgium	***VM 99995+%	Nyrstar NV
Brazil	CMM	Votorantim Metais Zinco SA
	CPM ZINCO ELECTROLITICO*	Votorantim Metais Zinco SA
	VOTORANTIM JF ZINC SHG	Votorantim Metais Zinco SA
Bulgaria	KUM 99.995	KCM S.A.
Canada	CEZINC SHG	Canadian Electrolytic Zinc Limited, On behalf of Noranda Income Limited Partnership
	COMINCO CANADA SHG	Teck Cominco Metals Ltd
	HBMS CANADA SHG	Hudson Bay Mining & Smelting Co.Ltd
	KIDD SHG	Xstrata Canada Corporation, Kidd Metallurgical
China	HX	Huludao Zinc Industry Co., Ltd.
	IBIS	Baiyin Nonferrous Metals Group Co. Ltd.
	NH-SHG	Shenzhen Zhongjin Lingnan Nonfermet Co. Ltd.
	TORCH SHG	Zhuzhou Smelter Group Co., Ltd.
	TORCH II	Zhuzhou Smelter Group Co., Ltd.
	YINLI SHG	Yinli Chemical & Metallurgical (Group) Company
	YG SHG	Henan Yuguang Zinc Industry Co., Ltd.
	YX99.995	Yunnan Chihong Zinc & Germanium Co. Ltd.
YX99.995Q	Yunnan Chihong Zinc & Germanium Co. Ltd.	
Finland	KOKKOLA ZINC SHG	Boliden Kokkola Oy
Germany	ME WESER E-ZINK	Xstrata Zink GmbH
	RU Z1	Ruhr-Zink GmbH
India	HZL SHG 99.995	Hindustan Zinc Limited
Italy	NUOVA SAMIM Zn 99.995%	Portovesme Srl
Japan	AZC	Akita Zinc Co Ltd
	EMC-H	Mitsui Mining & Smelting Co Ltd
	EMC-K	Mitsui Mining & Smelting Co Ltd
	HSC-SHG	Mitsui Mining & Smelting Co Ltd
	SK SHG	Sumitomo Metal Mining Co Ltd
	TOHO EZ**	Toho Zinc Co Ltd
Korea (South)	TOHO SHG	Toho Zinc Co Ltd
	KZ-SHG 99.995	Korea Zinc Co Ltd
Mexico	YP-SHG	Young Poong Corporation
	IMM SLP	Industrial Minera Mexico, S.A. de C.V.
	PENOLES	Met-Mex Penoles SA de CV
Namibia	ANGLO SZ SHG	Namzinc (Proprietary) Limited
Netherlands	BUDEL ZINK Z1	Nyrstar NV
Norway	NORZINK MADE IN NORWAY	Boliden Odda AS
Peru	CP PERU INDUSTRIA PERUANA 99995+	The Doe Run Company
	VOTORANTIM CJ ZINC SHG	Votorantim Metais - Cajamarquilla S.A.
Poland	ZGH Z1	Zaklady Gorniczo-Hutnicze "Boleslaw"
Russia	CZP SHG	Joint Stock Company Chelyabinsk Zinc Plant
Spain	ASTUZINC ELECTRO 99.995%	Asturiana de Zinc SA

Thailand	PADAENG THAILAND SHG	Padaeng Industry Public Company Limited
USA	JMZ	Nyrstar NV

* not good for delivery if placed on warrant after 01.10.08

** not good for delivery if placed on warrant after 16.10.08

NICKEL

Country	Brand	Producer
Australia	BHP BILLITON NICKEL BRIQUETTES	BHP Nickel West Pty Ltd
	MINARA HIGH GRADE NICKEL BRIQUETTES	Minara Resources Limited
Brazil	TOCANTINS	Votorantim Metais Niquel S.A.
Canada	INCO ELECTROLYTIC NICKEL	Inco Ltd
	INCO NICKEL PELLETS	Inco Ltd
	SHERRITT NICKEL BRIQUETTE	The Cobalt Refinery Company Inc
China	JINTUO GRADE 1	Jinchuan Group Limited
Finland	NORILSK NICKEL HARJAVALTA CATHODES	Norilsk Nickel Harjavalta Oy
	NORILSK NICKEL HARJAVALTA BRIQUETTES	Norilsk Nickel Harjavalta Oy
France	NICKEL HP	Eramet S.A.
Japan	SUMITOMO METAL MINING CO. LTD	Sumitomo Metal Mining Co Ltd
Norway	FALCONBRIDGE ELECTROLYTIC NICKEL	Falconbridge Ltd (Kristiansand)
Russia	NORILSK COMBINE H-1	JSC "MMC "Norilsk Nickel"
	NORILSK COMBINE H-1Y	JSC "MMC "Norilsk Nickel"
	SEVERONICKEL COMBINE H-1	JSC "Kolskaya Mining Company"
	SEVERONICKEL COMBINE H-1Y	JSC "Kolskaya Mining Company"
South Africa	IMPALA NICKEL	Impala Platinum Ltd
	RUSTENBURG NICKEL	Rustenburg Platinum Mines Ltd
UK	INCO NICKEL PELLETS	Inco Ltd
Zimbabwe	TROJAN NICKEL	Bindura Nickel Corporation Limited
	BCL EMPRESS	RioZim Limited

Deliverable Shape
Briquettes
Briquettes
Cut Cathodes
Full Plate Cathodes
Cut Cathodes
Pellets
Briquettes
Cut Cathodes
Full Plate Cathodes
Cut Cathodes
Full Plate Cathodes
Briquettes
Cut Cathodes
Full Plate Cathodes
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Full Plate Cathodes
Cut Cathodes
Full Plate Cathodes
Cut Cathodes
Full Plate Cathodes
Briquettes
Cut Cathodes
Full Plate Cathodes
Pellets
Cut Cathodes
Cut Cathodes
Full Plate Cathodes

TIN

Country	Brand	Producer
Belgium	MC	Metallo-Chimique N.V.
Bolivia	ENAF	Empresa Metalurgica Vinto
Brazil	ERSA	Estanho de Rondonia SA
	MAMORE	Mineracao Taboca SA
China	JH	Liuzhou China Tin Group Company Ltd - Laibin Smelter
	PGMA	Guangxi Pinggui PGMA Co., Ltd.
	YS	Gejiu Zili Mining and Smelting Co., Ltd.
	YT	Yunnan Tin Company Limited
	YUNHENG	Yunnan Chengfeng Non-Ferrous Metals Co., Ltd.
Indonesia	BANKA	PT Timah Tbk
	KOBA	PT Koba Tin (Bangka Island)
	MENTOK	PT Timah Tbk
Malaysia	MALAYSIA SMELTING CORP	Malaysia Smelting Corporation Bhd.
Russia	NOK 99.9	Novosibirsk Integrated Tin Works Inc.
Thailand	PHUKET	Thailand Smelting & Refining Co Ltd
	THAISARCO	Thailand Smelting & Refining Co Ltd

PRIMARY ALUMINIUM

Country	Brand
Argentina	ALUAR
Australia	ALCOA OF AUSTRALIA
	BSL
	COMALCO
	PORTLAND
	TOMAGO
	HYDRO 99723
Bahrain	ALBA
Brazil	ALBRAS
	ALCOA BRASIL
	CBA
	SAO LUIS
	SAO LUIS
	VALESUL
Cameroon	ALUCAM
Canada	ABCQ
	ABI
	ALCAN
	ALOUETTE
	DESCHAMBAULT
China	AL
	AST
	BTL
	FL
	G*L
	IBIS
	JL**
	LL2
	LLL
	PGL
	QHAS
	QTX
	RG
	SML
	STY
	WF
	XF
YL YL	
ZF	
ZS GL	
Egypt	EGYPTALUM
France	ALUMINIUM PECHINEY SJ
Germany	AE
	HAW
Ghana	VA
	VALCO
Greece	ADG
Iceland	ISAL
India	BALCO
	BHARATAL

	HINDALCO
	NALCO
Indonesia	INAL
Iran	IRALCO
Montenegro	KAP
Mozambique	MOZAL
Netherlands	DELFIJL
	PNL***
	ZALCO
New Zealand	NZAS
Norway	HYDRO
	HYDRO
	HYDRO
	HYDRO
	SOERAL
Romania	ALRO
Russia	BAZ SUAL
	HKA3*
	ID*
	KAZ SUAL
	KPA3*
	NAZ SUAL
	RUSAL B
	RUSAL K
	RUSAL KH
	RUSAL N
	RUSAL S
	UAZ SUAL
	VGAZ SUAL
South Africa	BAYSIDE
	HILLSIDE
Spain	ALCOA INESPAL AV
UAE	DUBAL
UK	AAM
	ALCAN
	ALCAN LO
USA	ALCAN
	ALCOA
	ALCOA MASSENA EAST
	CFAC
	EASTALCO
	INTALCO
	MT HOLLY

	NORANDA ALUMINUM INC
	ORMET
	R ALCOA
	TN ALCOA
Venezuela	ALCASA
	VENALUM

- * not good for delivery if placed on warrant after 12.11.03
- ** not good for delivery if placed on warrant after 09.09.07
- *** not good for delivery if placed on warrant after 10.12.08

Producer	Deliverable Shape
Aluar Aluminio Argentino SAIC	Ingots
Alcoa of Australia Ltd	Sows
Boyne Smelters Ltd	Ingots
Rio Tinto Aluminium (Bell Bay) Limited	Ingots
Portland Smelter Services Pty Ltd	Ingots
Tomago Aluminium Co Pty Ltd	Ingots
Hydro Aluminium Kurri Kurri Pty Ltd	T-Bars
Aluminium Bahrain BSC (c)	Ingots/T-Bars
Albras Aluminio Brasileiro SA	Ingots
Alcoa Aluminio SA	Ingots
Companhia Brasileira de Aluminio	Ingots
Alcoa Aluminio SA	Ingots/Sows
BHP Billiton Metais SA	Ingots/Sows
Valesul Aluminio SA	Ingots/Sows
Alucam	Ingots/T-Bars
Alcoa Inc.	T-Bars
Aluminerie de Becancour Inc.	T-Bars
Alcan Inc	Ingots/Sows/T-Bars
Aluminerie Alouette Inc.	Ingots/Sows
Alcoa Inc.	T-Bars
Aluminium Corporation of China Ltd, CHALCO	Ingots
Sichuan Guangyuan Aostar Aluminium Co., Ltd.	Ingots
Baotou Aluminium (Group) Co. Ltd	Ingots
Fushun Aluminium Co., Ltd.	Ingots
Aluminium Corporation of China Ltd, CHALCO	Ingots
GanSu HuaLu Aluminium Co., Ltd.	Ingots
Jilin Aluminium Company	Ingots
Aluminium Corporation of China Ltd, CHALCO	Ingots
Lanzhou Liancheng Aluminium Industrial Co., Ltd	Ingots
Aluminium Corporation of China Ltd, CHALCO	Ingots
Aluminium Corporation of China Ltd, CHALCO	Ingots
Qingtongxia Aluminium Group Co Ltd	Ingots
Henan Shenhua Aluminium Corporation	Ingots
Aluminium Corporation of China Ltd, CHALCO	Ingots
Sanmenxia Tianyuan Aluminium Industry Group Co. Ltd	Ingots
Jiaozuo Wangfang Aluminium Manufacturing Co. Ltd	Ingots
Shandong Xinfu Huaxin Aluminum Co., Ltd	Ingots
Yunnan Aluminium Co. Ltd	Ingots
Henan Zhongfu Industrial Co., Ltd	Ingots
Shanxi Guanlu Co Ltd	Ingots
The Aluminium Company of Egypt	Ingots/T-Bars
Aluminium Pechiney	T-Bars
Trimet Aluminium AG	Sows/T-Bars
Trimet Aluminium AG	T-Bars
Volta Aluminium Company Limited	Ingots
Volta Aluminium Company Limited	Sows
Aluminium de Grece SA	T-Bars
Alcan Iceland Ltd.	T-Bars
Bharat Aluminium Co. Ltd.	Ingots
Bharat Aluminium Co. Ltd.	Ingots

Hindalco Industries Ltd	Ingots/Sows
National Aluminium Co Ltd	Ingots/Sows
PT Indonesia Asahan Aluminium	Ingots
Iranian Aluminium Co	Ingots/Sows/T-Bars
Kombinat Aluminijuma Podgorica	Ingots/T-Bars
Mozal S.A.R.L	Ingots
Aluminium Delfzijl BV	T-Bars
Zeeland Aluminium Company NV (ZALCO)	T-Bars
Zeeland Aluminium Company NV (ZALCO)	T-Bars
New Zealand Aluminium Smelters Ltd	Ingots/T-Bars
Hydro Aluminium AS (Ardal)	T-Bars
Hydro Aluminium AS (Karmoy)	T-Bars
Hydro Aluminium AS (Hoyanger)	T-Bars
Hydro Aluminium AS (Sunndalsora)	T-Bars
Soer-Norge Aluminium AS	T-Bars
S.C. Alro S.A.	Ingots
Bogoslovsky Aluminium Plant of Siberian-Urals Aluminium Company	Ingots/T-Bars
Open Joint Stock Company Novokuznetsk Aluminium Smelter	Ingots
Open Joint Stock Company Bratsk Aluminium Smelter	Ingots/Sows/T-Bars
Kandalaksha Aluminium Plant of Siberian-Urals Aluminium Company	T-Bars
Open Joint Stock Company Krasnoyarsk Aluminium Smelter	T-Bars
Nadvoitsky Aluminium Plant of Siberian-Urals Aluminium Smelter	Ingots/T-Bars
Open Joint Stock Company RUSAL Bratsk Aluminium Smelter	Ingots/T-Bars
Open Joint Stock Company RUSAL Krasnoyarsk Aluminium Smelter	Ingots/T-Bars
Open Joint Stock Company RUSAL Sayanogorsk Aluminium Smelter	Ingots/T-Bars
Open Joint Stock Company RUSAL Novokuznetsk Aluminium Smelter	Ingots/T-Bars
Open Joint Stock Company RUSAL Sayanogorsk Aluminium Smelter	Ingots/T-Bars
Uralsky Aluminium Plant of Siberian-Urals Aluminium Company	Ingots/T-Bars
Volgograd Aluminium Plant of Siberian-Urals Aluminium Company	Ingots/T-Bars
Bayside Aluminium	T-Bars
Hillside Aluminium	Ingots/T-Bars
Alcoa Inespal SA	T-Bars
Dubai Aluminium Company Ltd	Ingots/Sows/T-Bars
Anglesey Aluminium Metal Ltd	Sows
Alcan Aluminium UK Ltd	Sows
Alcan Aluminium UK Ltd	Sows/T-Bars
Alcan Inc	Ingots/T-Bars
Alcoa Inc	Sows
Alcoa Inc	Sows
Columbia Falls Aluminum Company	Sows/T-Bars
Alcoa Inc	T-Bars
Alcoa Inc	Ingots/T-Bars
Alcoa Inc	Ingots/T-Bars

Noranda Aluminum Inc.	Sows
Ormet Primary Aluminum Corporation	Sows
Alcoa Inc	Sows
Alcoa Inc	Sows
CVG Aluminio del Caroni SA	Ingots/Sows
CVG Industria Venezolana de Aluminio CA	Ingots/Sows