



Fives Solios  
Reference Sheets

## Aluminium market

Customer	Date	Equipment
RUSAL TAISHET Irkutsk Region RUSSIAN FEDERATION	TBA	336 PFPB pots - RA400
ALBA, Manama BAHRAIN	2019	424 PFPB DX+ pots (Line 6) including pots feed, fresh alumina storage & distribution and ACM conveying system
RIO TINTO Jonquière CANADA	2013	38 PFPB pots - AP60
MA'ADEN ALUMINIUM Ras Al Khair SAUDI ARABIA	2013	740 PFPB pots - AP37
VEDANTA BALCO Chhattisgarh State INDIA	2011	336 PFPB pots - GAMI 340
BOGUCHANY Krasnoyarsk Region RUSSIAN FEDERATION	2011	336 PFPB pots - RA300
QATALUM ALUMINIUM Messaied QATAR	2010	704 PFPB pots
ALUMINIJ MOSTAR Mostar BOSNIA HERZEGOVINA	2009	Extension of two dry scrubbers 256 PFPB pots
SOHAR ALUMINIUM Sohar SULTANATE OF OMAN	2008	360 PFPB pots
ALCOA	2007	336 PFPB pots

Fjardaal ICELAND		
ALBA Manama BAHRAIN	2005	336 PFPB pots (Line 5)
ALOUETTE Sept-Iles, Québec CANADA	2005	330 PFPB pots
MOZAL (Phase 2) Maputo MOZAMBIQUE	2004	288 PFPB pots
HILLSIDE ALUMINIUM Richards Bay R.S.A	2004	144 PFPB pots
ALRO Slatina ROMANIA	2004	Extension of existing Dry Scrubber
SLOVALCO Ziar nad Hronom SLOVAKIA	2003	Extension of existing Dry scrubber n°2 (further to amperage increase and installation of 54 additional PFPB pots)
ALCOA EUROPE San Ciprian SPAIN	2003	Extension of four existing DS for modernisation of 512 PFPB pots
HYDRO ALUMINIUM for ALUMINIJ Mostar BOSNIA HERZEGOVINA	2002	Modernisation of 256 SWPB pots into PFPB pots - Extension of 2 Dry Scrubbers
ALUMINERIE DE DESCHAMBAULT Deschambault, Québec CANADA	2002	Extension of two existing DS (further to amperage increase)
ALRO Slatina ROMANIA	2002	512 PFPB pots (Halls 5 to 8)
TALUM Kidricevo SLOVENIA	2002	80 PFPB pots
ALBRAS Barcarena, Belem BRAZIL	2001	96 PB pots - Extension of 3 Dry Scrubbers (designed by others)
ELKEM Lista NORWAY	2001	264 VSS pots - ESP + DS + SO <sub>2</sub> Wet Scrubber

RIO TINTO Alma, Québec CANADA	2000	432 PFPB pots
MOZAL (Phase 1) Maputo MOZAMBIQUE	2000	288 PFPB pots
ALUAR Puerto Madryn ARGENTINA	1999	144 PFPB pots (Potline C)
RIO TINTO Straumsvik ICELAND	1999	Revamping of 2 Dry Scrubbers (designed by others) on Potrooms 1 & 2 (320 pots)
ALRO Slatina ROMANIA	1999	122 PFPB pots (Hall N°9)
CENTURY ALUMINUM Hawesville, Kentucky USA	1999	112 PFPB pots - D.S. + SO <sub>2</sub> Wet Scrubber
TOMAGO ALUMINIUM Tomago, NSW AUSTRALIA	1998	80 PFPB pots extension - Potlines 1 & 2
RIO TINTO Straumsvik ICELAND	1997	160 PFPB pots (Potroom 3)
ALRO Slatina ROMANIA	1997	128 PFPB pots (Hall 9)
ALCOA ITALIA Fusina ITALY	1996	Extension of DS to 100 pots for 34 PFPB pots (100 pots in total)
KAISER for KRAZ Krasnoyarsk RUSSIA	1996	188 VSS pots
ALCOA EUROPE Fusina ITALY	1995	Extension of DS to 66 PFPB pots
HILLSIDE ALUMINIUM Richards Bay R.S.A.	1995	576 PFPB pots
BAYSIDE ALUMINIUM Richards Bay R.S.A.	1995	240 PFPB pots
IRALCO Arak	1994	700 CWPB pots

IRAN		
SLOVALCO Ziar Nad Hronom SLOVAKIA	1994	132 PFPB pots
TOMAGO ALUMINIUM Tomago, NSW AUSTRALIA	1993	280 PFPB pots (Potline 3)
BAYSIDE ALUMINIUM Richards Bay R.S.A.	1993	Revamping of 12 test pots from VSS to PFPB
SLOVALCO Ziar Nad Hronom SLOVAKIA	1993	40 PFPB pots
ALOUETTE Sept Iles, Québec CANADA	1992	264 PFPB pots
ALUMINERIE DE DESCHAMBAULT Deschambault, Québec CANADA	1992	264 PFPB pots
PECHINEY NEDERLAND (PNL) Vlissingen THE NETHERLANDS	1992	Increase capacity of Potline A
ALUMINIUM DUNKERQUE Dunkirk FRANCE	1991	264 PFPB pots
CBA Alumínio, SP BRAZIL	1990	288 VSS pots
ABI Bécancour CANADA	1990	240 PFPB pots
VEB CHEMIEKOMBINAT Bitterfeld GERMANY	1989	196 PFPB pots
TALUM Kidricevo SLOVENIA	1988	80 PFPB pots
ALUMINIUM PECHINEY St Jean de Maurienne FRANCE	1987	TGT Filter on test potline installation
ABI Bécancour	1986	480 PFPB pots

CANADA		
ALUMINIUM PECHINEY St Jean de Maurienne FRANCE	1985	120 PFPB pots (Potline G)
TOMAGO ALUMINIUM Tomago, NSW AUSTRALIA	1984	240 pots PFPB - (Potline 2)
ALCOA Baie Comeau, Québec CANADA	1984	Design for 556 VSS pots - Operation on 553 VSS pots
TRIMET Essen GERMANY	1984	360 PFPB pots
ALCOA EUROPE La Coruna SPAIN	1984	272 VSS pots
TOMAGO ALUMINIUM Tomago, NSW AUSTRALIA	1983	240 PFPB pots - Potline 1
ALUMINIUM PECHINEY St Jean de Maurienne FRANCE	1983	Test pot line installation
PT INDONESIA ASAHAN ALUMINIUM Asahan INDONESIA	1982	510 CWPB pots
TAIWAN ALUMINIUM CORPORATION Kaohsiung TAIWAN	1982	70 CWPB pots
KOMBINAT ALUMINIJUMA PODGORICA Podgorica, Montenegro YUGOSLAVIA	1982	528 SWPB pots
ALUMINIJ Mostar BOSNIA HERZEGOVINA	1981	256 SWPB pots
ALCAN RESEARCH CENTER – ARVIDA Arvida/Jonquieres Québec CANADA	1981	Test potline installation
ALCOA ITALIA Fusina ITALY	1981	32 PB pots

LIBERTY Fort William, Lochaber SCOTLAND	1981	80 PFPB pots
ALCOA EUROPE La Coruna SPAIN	1981	9 VSS pots - Pilot
NOVELIS Chippis, Valais SWITZERLAND	1981	160 VSS and PB pots
NOVELIS Steg, Valais SWITZERLAND	1981	176 PFPB pots
ALUCAM Edea CAMEROON	1980	274 PB pots
ALUMINIUM PECHINEY St Jean de Maurienne FRANCE	1980	16 VSS pots
ALUMINIUM PECHINEY St Jean de Maurienne FRANCE	1979	60 PFPB pots
ALCOA EUROPE San Ciprian SPAIN	1979	512 SWPB pots
ALUMINIUM FABRIQUE Martigny SWITZERLAND	1979	52 PB pots
PECHINEY NEDERLAND (PNL) Vlissingen THE NETHERLANDS	1978	256 pots, modification of existing process according to PECHINEY AIR INDUSTRIE process
ALUMINIUM PECHINEY St Jean de Maurienne FRANCE	1977	Test potline installation
ALUMINIUM RHEINFELDEN GmbH Rheinfelden GERMANY	1975	10 pots - Pilot
ADG St Nicolas GREECE	1975	780 PB pots
ALUMINIA Mori ITALY	1975	10 pots (Pilot SWPB)

MITSUI ALUMINIUM Omuta JAPAN	1975	256 SWPB pots
ALCOA Maryland State USA	1975	480 SWPB pots - (Licence agreement for process use)
CONALCO Louisiana USA	1975	90 SWPB pots
PECHINEY NEDERLAND (PNL) Vlissingen THE NETHERLANDS	1974	256 SWPB pots
TRIMET Essen GERMANY	1973	10 pots (Pilot)
ALCOA / INTALCO Washington State USA	1973	240 SWPB pots
ALCOA / INTALCO Washington State USA	1972	Industrial pilot