

# SpinTek Client List

*for hydrometallurgical applications*

## CoMatrix Filter Projects Solvent Extraction & Mining Industry

Client:	Location:	System:	Engineer:	Status:	Application:
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	One (1) CM-965 (2.3 ft) (0.7 m)	SNC-Lavalin	On Site	Co Sulphate Filter/Coalescer 62 gpm (14.1 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	One (1) CM-970 (2.6 ft) (0.8 m)	SNC-Lavalin	On Site	Zn Sulphate Filter/Coalescer 80 gpm (18.1 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Two (2) CM-1040 (8.0 ft) (2.4 m)	SNC-Lavalin	On Site	Ni Raffinate Filter/Coalescer 735 gpm (167 m <sup>3</sup> /hr)
<b>Arafura Resources Limited</b>	Australia	Two (2) CM-930 (0.8 ft) (0.3)	Bateman	Not Operational	Filter/Coalescer 11 gpm (3 m <sup>3</sup> /hr)
<b>Chelopech Mining Project</b> (Chelopech Mining EAD)	Bulgaria	Two (2) CM-1035 (7.5 ft) (2.3 m)	GRD Minproc	In Operation	SX Electrolyte Filter/Coalescer 990 gpm (225 m <sup>3</sup> /hr)
<b>COMINCO</b>	Canada	One (1) CM-930 (0.8 ft) (0.3)	C.E.S.L. Engineering	Operational in 1997	SX Electrolyte Filter/Coalescer 24 gpm (6 m <sup>3</sup> /hr)
<b>Copper Range Co.</b>	White Pines, MI USA	One (1) CM-960 (2.0 ft) (0.6 m)	Davy International	Operational in 1996	SX Electrolyte Filter/ Coalescer 35 gpm (8 m <sup>3</sup> /hr)
<b>Copper Range Co.</b>	White Pines, MI USA	One (1) CM-980 (3.0 ft) (0.9 m)	Davy International	Operational in 1996 (Decom- missioned)	SX Raffinate Filter/Coalescer 150 gpm (34 m <sup>3</sup> /hr)
<b>Escondida Mining Project</b> (BHP-Billiton)	Chile	Four (4) CM-1095 (13.5 ft) (4.1 m)	Fluor	In Operation	Cu SX Electrolyte Filter/ Coalescer 7500 gpm (1700 m <sup>3</sup> /hr)
<b>Gaby Mining Project</b> (Codelco)	Chile	Four (4) CM-1085 (12.5 ft) (3.8 m)	Fluor	In Operation	Cu Electrolyte Filter/ Coalescer 6164 gpm (1400 m <sup>3</sup> /hr)
<b>Gaspe Mining Project</b> (Noranda Inc.)	Murdochville, Quebec, Canada	One (1) CM-930 (0.8 ft) (0.3 m)	Davy International	Operational in 1996	SX Electrolyte Filter/ Coalescer 15 gpm (4 m <sup>3</sup> /hr)
<b>Goro Nickel Mining Project</b> (Vale Inco)	New Caledonia	Four (4) CM-1095 (13.5 ft) (4.1 m)	Bechtel	On Site	SX Raffinate Filter/Coalescer 7700 gpm (1750 m <sup>3</sup> /hr)
<b>Goro Nickel Mining Project</b> (Vale Inco)	New Caledonia	Two (2) CM-1015 (5.5 ft) (1.7 m)	Bechtel	On Site	SX 1 Strip Filter/Coalescer 400 gpm (90 m <sup>3</sup> /hr)
<b>Goro Nickel Mining Project</b> (Vale Inco)	New Caledonia	Two (2) CM-1015 (5.5 ft) (1.7 m)	Bechtel	On Site	SX 2 Raffinate Filter/ Coalescer 400 gpm (90 m <sup>3</sup> /hr)
<b>Goro Nickel Mining Project</b> (Vale Inco)	New Caledonia	Two (2) CM-980 (3.0 ft) (0.9 m)	Bechtel	On Site	SX 2 Cobalt Filter/Coalescer 130 gpm (30 m <sup>3</sup> /hr)
<b>Gunpowder Mining Project</b>	Mount Isa, Australia	Two (2) CM-1045	Bateman- Kinhil	Moved to Africa	SX Electrolyte Filter/ Coalescer 1760 gpm (400 m <sup>3</sup> /hr)
<b>Kennecott Copper</b>	Bingham Canyon UT USA	One (1) CM-950 (1.3 ft) (0.4 m)	Davy International	Operational in 1995	SX Electrolyte Filter/ Coalescer 30 gpm (7 m <sup>3</sup> /hr)
<b>Key Lake Uranium Mining Project</b> (Cameco Corporation)	Canada	One (1) CM-920 (0.7 ft) (0.2 m)		In Operation 2010	Uranium Electrolyte Filter/ Coalescer 4 gpm (1 m <sup>3</sup> /hr)

# SpinTek Client List *for hydrometallurgical applications*

## CoMatrix Filter Projects (continued) Solvent Extraction & Mining Industry

Client:	Location:	System:	Engineer:	Status:	Application:
<b>Magma Copper Company</b>	San Manuel, AZ USA	Two (2) CM-940 (1.0 ft) (0.3 m)	CMPS&F	Operational in 1994	SX Electrolyte Filter/Coalescer 40 gpm (10 m <sup>3</sup> /hr)
<b>Met Mex Penoles, S.A. De C.V.</b>	Coahuila, Mexico	One (1) CM-980 (3.0 ft) (0.9 m)		On Site	Zn SX Electrolyte Filter/Coalescer 120 gpm (28 m <sup>3</sup> /hr)
<b>Milpo Mining Project</b> (Compania Minera Milpo S.A.A.)	Peru, Chapi	One (1) CM-1025 (6.5 ft) (2.0 m)	Milpo	In Operation	Cu Electrolyte Filter/Coalescer 516 gpm (120 m <sup>3</sup> /hr)
<b>Pamco Pilot Project</b> (Pacific Metal Co., Ltd.)	Japan	Two (2) CM-930 (0.8 ft) (0.3)	Bateman	Operational	Ni Raffinate Filter/Coalescer 11 gpm (3 m <sup>3</sup> /hr)
<b>Pamco Pilot Project</b> (Pacific Metal Co., Ltd.)	Japan	Two (2) CM-910 (0.5 ft) (0.2 m)	Bateman	Operational	Co Strip Filter/Coalescer 1 gpm (1 m <sup>3</sup> /hr)
<b>Rubamin Limited</b>	India	One (1) CM-950 (1.3 ft) (0.4 m)		In Construction	Co SX Electrolyte Filter/Coalescer 22 gpm (5 m <sup>3</sup> /hr)
<b>Spence Mining Project</b> (BHP-Billiton)	Chile	Six (6) CM-1085 (12.5 ft) (3.8 m)	Aker Solutions	In Operation	SX Electrolyte Filter/Coalescer 10,500 gpm (2400 m <sup>3</sup> /hr)
<b>Usina Mining Project</b> (CVRD)	Brazil	One (1) CM-1035 (7.5 ft) (2.3 m)	Hatch	In Operation	Cu SX Electrolyte Filter/Coalescer 567 gpm (129 m <sup>3</sup> /hr)
<b>Voisey's Bay Nickel - Long Harbour</b> (Vale Inco)	Canada	Two (2) CM-1040 (8.0 ft) (2.4 m)	Fluor	In Construction	Cu Strip Filter/Coalescer 668 gpm (152 m <sup>3</sup> /hr)
<b>Voisey's Bay Nickel - Long Harbour</b> (Vale Inco)	Canada	Two (2) CM-1050 (9.0 ft) (2.7 m)	Fluor	In Construction	IMP Raffinate Filter/Coalescer 2827 gpm (64m <sup>3</sup> /hr)
<b>Voisey's Bay Nickel - Long Harbour</b> (Vale Inco)	Canada	Three (3) CM-1050 (9.0 ft) (2.7 m)	Fluor	In Construction	Co Raffinate Filter/Coalescer 2905 gpm (660 m <sup>3</sup> /hr)
<b>Voisey's Bay Nickel - Long Harbour</b> (Vale Inco)	Canada	One (1) CM-1010 (5.0 ft) (1.5 m)	Fluor	In Construction	Co Strip Filter/Coalescer 66 gpm (15 m <sup>3</sup> /hr)
<b>Western Mining</b>	Roxby Downs, Australia	Three (3) CM-1025 (5.5 ft) (1.7 m)	Halliburton	In Operation	Cu Electrolyte Filter/Coalescer 924 gpm (210 m <sup>3</sup> /hr)
<b>Zeneca Specialties</b>	Brazil	One (1) CM-950 (1.7 ft) (0.5 m)		Operational in 1996	SX Electrolyte Filter/Coalescer 15 gpm (4 m <sup>3</sup> /hr)

# SpinTek Client List *for hydrometallurgical applications*

## SX Dual-Media Filter Projects *Solvent Extraction & Mining Industry - SX Filter Projects*

Client:	Location:	System:	Engineer:	Status:	Application:
Altair Nanotechnologies, Inc.	Reno, NV USA	One (1) SX-920 (0.7 ft) (0.2 m)	Altair	Not Operational	SX Electrolyte Filter/ Coalescer 2 gpm (250 lph)
Altair Nanotechnologies, Inc.	Reno, NV USA	One (1) SX-930 (0.8 ft) (0.3)	Altair	Not Operational	SX Electrolyte Filter/ Coalescer 3 gpm (500 lph)
Assarel Mining Project (Outotec Oyj)	Republic of Bulgaria	Two (2) SX-1020 (6.0 ft) (1.8 m)	Outotec	On Site	SX Electrolyte Filter/ Coalescer 132 gpm (30 m <sup>3</sup> /hr)
Bulong Nickel Mining Project (Norilsk Nickel)	Australia	Three (3) SX-1080 (12.0 ft) (3.7 m)	Bateman-Kinhill, J.V. Kilborn	Construction	SX Electrolyte Filter/ Coalescer 1678 gpm (380 m <sup>3</sup> /hr)
California Energy Operating Company	Calipatria, CA USA	Two SX Filters	Kvaerner Metals	Decommissioned	Zinc Oxide Recovery
California Energy Operating Company	Calipatria, CA USA	One (1) SR-4004 System		Operational in 1997	Reverse Osmosis for Mineral Recovery 6.7 gpm (2 m <sup>3</sup> /hr)
Carlota Mining Project (Carlota Copper Company)	Miami, AZ USA	Two (2) SX-1085 (12.5 ft) (3.8 m)	M3 Engineering	In Operation	SX Electrolyte Filter/ Coalescer 1255 gpm (285 m <sup>3</sup> /hr)
Cause Nickel Mining Project (Norilsk Nickel)	Kalgoorlie, W. Australia	One (1) SX-1040 (8.0 ft) (2.4 m)	Minproc-Davy International	Engineering Only	N/A
Cause Nickel Mining Project (Norilsk Nickel)	Kalgoorlie, W. Australia	One (1) SX-1075 (11.5 ft) (3.5 m)	Minproc-Davy International	Engineering Only	N/A
Cerro Colorado Mining Project (BHP-Billiton)	Cerro Colorado, Chile	Three (3) SX-1085 (12.5 ft) (3.8 m)	Bechtel	Operational in 1993	SX Electrolyte Filter/Coalescer 1800 gpm (410 m <sup>3</sup> /hr)
Cerro Colorado Expansion Mining Project (BHP-Billiton)	Cerro Colorado, Chile	One (1) SX-1085 (12.5 ft) (3.8 m)	Davy International	Operational in 1995	SX Electrolyte Filter/Coalescer 610 gpm (138 m <sup>3</sup> /hr)
Cia Minera Gibraltar Limiltada	Chile	Four (4) SX-1115 (15.5 ft) (4.7 m)	Flour Daniel Wright LTD	Construction Phase	SX Electrolyte Filter/Coalescer 3700 gpm (840 m <sup>3</sup> /hr)
Collahuasi Mining Project (Falconbridge/Anglo American)	Chile	Three (3) SX-1100 (14.0 ft) (4.3 m)	Bechtel - Davy	On Site	SX Electrolyte Filter/Coalescer 2300 gpm (525 m <sup>3</sup> /hr)
Collahuasi Mining Project (Falconbridge/Anglo American)	Chile	Backwash pumps	Bechtel International	Operational	Backwash h2o for SX Filters
Cyprus Minerals	El Abra, Chile	Twelve (12) SX-1105 (14.5 ft) (4.4 m)	Bechtel-ARA	Operational in 1996	SX Electrolyte Filter/Coalescer 8250 gpm (1875 m <sup>3</sup> /hr)
Dos Amigos Mining Project (Empresa Cemin)	Chile	One (1) SX-1000 (4.0 ft) (1.2 m)	TERRAL	Operational in 1997	SX Electrolyte Filter/Coalescer 154 gpm (35 m <sup>3</sup> /hr)
El Tesoro	Santiago, Chile	Five (5) SX-1105 (14.5 ft) (4.4 m)	Flour Daniel	Operational in 2001	SX Electrolyte Filter/Coalescer 4120 gpm (863 m <sup>3</sup> /hr)
Equatorial Tonopah, Inc.	Tonopah, NV USA	Two (2) SX-1080 (12.0 ft) (3.7 m)	Kvaerner Metals	In Construction	SX Electrolyte Filter/Coalescer 1074 gpm (244 m <sup>3</sup> /hr)
Escondida Coloso Plant (BHP-Billiton)	Antofagasta, Chile	Three (3) SX-1085 (12.5 ft) (3.8 m)	BHP Minerals/Bechtel	Operational in 1996	PLS Filter/Coalescer 1650 gpm (4 m <sup>3</sup> /hr)
Girilambone Copper Company	Girilambone, Australia	Three (3) SX-1035 (7.5 ft) (2.3 m)	CMPS&F	Operational in 1994	SX Electrolyte Filter/Coalescer 660 gpm (150 m <sup>3</sup> /hr)
Great Australian Copper Co.	Cloncurry, Australia	One (1) SX-1035 (7.5 ft) (2.3 m)	Ausenco Engineers	Operational in 1996	SX Electrolyte Filter/Coalescer 220 gpm (50 m <sup>3</sup> /hr)
Hartley Platinum Project (BHP Minerals Zimbabwe Ltd.)	South Africa	Two (2) SX-1000 (4.0 ft) (1.2 m)	Bateman	Operational	SX Electrolyte Filter/Coalescer 125 gpm (29 m <sup>3</sup> /hr)

# SpinTek Client List *for hydrometallurgical applications*

## SX Dual-Media Filter Projects Solvent Extraction & Mining Industry - SX Filter Projects

Client:	Location:	System:	Engineer:	Status:	Application:
<b>Kansanshi Copper Mining Project</b> (First Quantum Minerals Ltd.)	Zambia	Three (3) SX-1110 (15.0 ft) (4.6 m)	GRD Minproc	Operational	SX Electrolyte Filter/Coalescer 2175 gpm (494 m <sup>3</sup> /hr)
<b>Kansanshi Copper Expansion Mining Project</b> (First Quantum Minerals Ltd.)	Zambia	Three (3) SX-1110 (15.0 ft) (4.6 m)	GRD Minproc	In Operation	SX Electrolyte Filter/Coalescer 2175 gpm (494 m <sup>3</sup> /hr)
<b>Kingamyambo Musonoi Tailings S.A.R.L. ("KMT")</b> (First Quantum Minerals Ltd.)	Democratic Republic of Congo	Three (3) SX-1120 (15.8 ft.) (4.8 m)	Ausenco	In Operation	Ni Rich Filter/Coalescer 2700 gpm (606 m <sup>3</sup> /hr)
<b>Kinsevere Mining Project</b> (Anvil Mining Limited)	Democratic Republic of Congo	Three (3) SX-1100 (11.2 ft) (4.3 m)	Ausenco	In Operation	SX Electrolyte Filter/Coalescer 2400 gpm (540 m <sup>3</sup> /hr)
<b>Lomas Bayas</b> (Xstrata plc)	Santiago, Chile	Four (4) SX-1115 (15.5 ft) (4.7 m)	Fluor Daniel	Operational in 1999	SX Electrolyte Filter/Coalescer 3800 gpm (863 m <sup>3</sup> /hr)
<b>Luz de Cobre Mining Project</b> (Minerales Libertad, S.A. de C.V.)	Mexico	Two (2) SX-1045 (8.5 ft) (2.6 m)	M3 Mexicana	In Construction	SX Electrolyte Filter/Coalescer 556 gpm (126 m <sup>3</sup> /hr)
<b>Mantos Blancos</b> (Anglo American)	Mantoverde, Chile	Three (3) SX-1090 (13.0 ft) (4.0 m)	Bechtel BSK-MV	Operational in 1995	SX Electrolyte Filter/Coalescer 2000 gpm (454 m <sup>3</sup> /hr)
<b>Mantos Blancos</b> (Anglo American)	Santa Barbara, Chile	Three (3) SX-1090 (13.0 ft) (4.0 m)	Bechtel-ARA	Operational in 1995	SX Electrolyte Filter/Coalescer 2000 gpm (454 m <sup>3</sup> /hr)
<b>Mufulira Expansion SX1</b> (Mopani Copper Mine plc)	Zambia	Four (4) SX-1025 (6.4 ft) (2.0 m)	GRA	In Operation	SX Electrolyte Filter/Coalescer 640 gpm (145 m <sup>3</sup> /hr)
<b>Mufulira Expansion SX2</b> (Mopani Copper Mine plc)	Zambia	Four (4) SX-1025 (6.4 ft) (2.0 m)	GRA	In Operation	SX Electrolyte Filter/Coalescer 640 gpm (145 m <sup>3</sup> /hr)
<b>Murrin Murrin</b> (Minera Resources Ltd.)	Western Australia	Matrix Tower MT-980	Fluor Daniel	In Construction	Nickel
<b>Mutanda Mining Project</b> (Mutanda Mining S.P.R.L.)	Democratic Republic of Congo	Three (3) SX-1045 (8.5 ft) (2.6 m)	GRD Minproc	In Operation	SX Electrolyte Filter/Coalescer 814 gpm (185 m <sup>3</sup> /hr)
<b>Myanmar Ivanhoe Copper Company</b>	Monywa, Indonesia	Three (3) SX-1050 (9.0 ft) (2.7 m)	CMPS&F	Construction Phase	Cu Electrolyte Filter/Coalescer 889 gpm (202 m <sup>3</sup> /hr)
<b>Nkana Leach</b> (Mopani Copper Mine plc)	Zambia	Three (3) SX-1025 (6.4 ft) (2.0 m)	GRA	In Operation	SX Electrolyte Filter/Coalescer 640 gpm (145 m <sup>3</sup> /hr)
<b>Nkana Calcine Leach</b> (Mopani Copper Mine plc)	Zambia	Three (3) SX-1025 (6.4 ft) (2.0 m)	GRA	In Construction	SX Electrolyte Filter/Coalescer 640 gpm (145 m <sup>3</sup> /hr)
<b>Nkana Oxide Leach</b> (Mopani Copper Mine plc)	Zambia	Three (3) SX-1025 (6.4 ft) (2.0 m)	GRA	In Construction	SX Electrolyte Filter/Coalescer 640 gpm (145 m <sup>3</sup> /hr)
<b>Phelps Dodge Mining Project</b> (Freeport-McMoRan Copper & Gold Inc.)	Morenci, AZ USA	Two (2) SX-1010 (5.0 ft) (1.5 m)	AMEC	Operational	Cu Electrolyte Filter/Coalescer 1969 gpm (44 m <sup>3</sup> /hr)
<b>Sable Zinc</b>	Zambia	Three (3) SX-1020 (6.2 ft) (1.9 m)	GRA	In Operation	SX Electrolyte Filter/Coalescer 440 gpm (100 m <sup>3</sup> /hr)
<b>Salton Sea Pilot Project</b> (BHP Minerals)	California	One (1) SX-910 (0.5 ft) (0.2 m)		Operational in 1996	SX Electrolyte Filter/Coalescer 1 gpm (1 m <sup>3</sup> /hr)
<b>Salton Sea Pilot Project</b> (BHP Minerals)	California	One (1) SX-940 (1.0 ft) (0.3 m)		Operational in 1996	SX Raffinate Filter/Coalescer 5 gpm (2 m <sup>3</sup> /hr)
<b>Sepon Mining Project</b> (Lane Xang Minerals Limited)	Laos	Two (2) SX-1120 (16.0 ft) (4.9 m)	Outokumpo Oyj	In Operation	Cu Electrolyte Filter/Coalescer 5000 gpm (1141 m <sup>3</sup> /hr)
<b>Sepon Expansion Mining Project</b> (Lane Xang Minerals Limited)	Laos	One (1) SX-1120 (16.0 ft) (4.9 m)	KDG	In Operation	Cu Electrolyte Filter/Coalescer 2500 gpm (570 m <sup>3</sup> /hr)
<b>Skorpion Zinc Mining Project</b> (Anglo American Base Metals)	Namibia	Five (5) SX-1125 (16.5 ft) (5.0 m)	Bateman	Operational	Electrolyte Filter/Coalescer 2175 gpm (494 m <sup>3</sup> /hr)

# SpinTek Client List *for hydrometallurgical applications*

## SX Dual-Media Filter Projects (continued) Solvent Extraction & Mining Industry - SX Filter Projects

Client:	Location:	System:	Engineer:	Status:	Application:
<b>Skorpion Zinc Mining Project</b> (Anglo American Base Metals)	Namibia	Six (6) SX-1115 (15.5 ft) (4.7 m)	Bateman	Operational	Raffinate Filter/Coalescer 4667 gpm (1060 m <sup>3</sup> /hr)
<b>Skorpion Zinc Mining Project</b> (Anglo American Base Metals)	Namibia	Three (3) SX-1115 (15.5 ft) (4.7 m)	Bateman	Operational	Manganese Reduction of Electrolyte 2215 gpm (503 m <sup>3</sup> /hr)
<b>Skorpion Zinc Mining Project</b> (Anglo American Base Metals)	Namibia	Two (2) SX-1000 (4.0 ft) (1.2 m)	Bateman	Operational	HCl Solution Filter/Coalescer 43 gpm (10 m <sup>3</sup> /hr)
<b>Skouriotissa Copper Mining Project</b> (Hellenic Mining Co. Ltd.)	Cyprus, Greece	Two (2) SX-1050 (9.0 ft) (2.7 m)	Davy International	Operational in 1996	SX Electrolyte Filter/Coalescer 220 gpm (50 m <sup>3</sup> /hr)
<b>Southern Peru Copper Corporation</b>	Toquepala, Peru	Three (3) SX-1095 (13.5 ft)	Bechtel/ Cosapi	Operational in 1995	SX Electrolyte Filter/Coalescer 1400 gpm (318 m <sup>3</sup> /hr)
<b>Southern Peru Copper Corporation</b>	Lima, Peru	Two (2) SX 1095 (13.5 ft) (4.1 m) (4.1 m)	Bechtel International	On Site	SX Electrolyte Filter/Coalescer 1132 gpm (257 m <sup>3</sup> /hr)
<b>Tenke Fungurume Mining Project</b> (Freeport-McMoRan Copper & Gold Inc.)	Democratic Republic of Congo	Four (4) SX-1125 (16.4 ft) (5.0 m)	GRD Minproc	In Operation	SX Electrolyte Filter/Coalescer 4250 gpm (962 m <sup>3</sup> /hr)
<b>Tenke Fungurume Expansion Mining Project</b> (Freeport-McMoRan Copper & Gold Inc.)	Democratic Republic of Congo	Two (2) SX-1125 (16.4 ft) (5.0 m)	N/A	In Operation	SX Electrolyte Filter/Coalescer 2100 gpm (480 m <sup>3</sup> /hr)
<b>Thai Copper Industries, Ltd.</b>	Thailand	One (1) SX-1000 (4.0 ft) (1.2 m) 57 gpm (13 m <sup>3</sup> /hr)	Kvaerner Davy	On Site	SX Electrolyte Filter/Coalescer 57 gpm (13 m <sup>3</sup> /hr)
<b>Western Mining</b>	Nifty Copper, Australia	Three (3) SX-1035 (7.5 ft) (2.3 m)	Western Engineering Company	Operational in 1995	SX Electrolyte Filter/Coalescer 660 gpm (150 m <sup>3</sup> /hr)

# SpinTek Client List *for hydrometallurgical applications*

## Aqueous/Organic Coalescer Projects *Solvent Extraction & Mining Industry*

Client:	Location:	System:	Engineer:	Status:	Application:
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Scrubbed Zinc Loaded Organic Tanks (9mx2mx11m)	SNC-Lavalin	On Site	Aqueous Coalescer 669 gpm (152 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Cobalt Sulphate Settling Tanks (5mx2mx5.7m)	SNC-Lavalin	On Site	Organic Coalescer 44 gpm (10 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Cobalt Stripped Organic Tanks (9.5mx2mx10m)	SNC-Lavalin	On Site	Aqueous Coalescer 695 gpm (158 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Zinc Raffinate Settling Tanks (10mx2mx19m)	SNC-Lavalin	On Site	Organic Coalescer 572 gpm (130 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Zinc Sulfate Settling Tanks (4mx2mx7.2m)	SNC-Lavalin	On Site	Organic Coalescer 72 gpm (16.4 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Plant Holding Tanks (6mx2mx7.3m)	SNC-Lavalin	On Site	Organic Coalescer 532.4 gpm (121 m <sup>3</sup> /hr)
<b>Ambatovy Mining Project</b> (Dynatec Madagascar S.A.)	Madagascar	Three (3) Nickel Raffinate Settling Tanks (10mx2mx19m)	SNC-Lavalin	On Site	Organic Coalescer 638 gpm (145 m <sup>3</sup> /hr)
<b>Andacollo</b> (Compania Minera Teck Carmen de Andacollo)	Chile	One (1) MT-2308	Davy	Operational 1996	Organic Coalescer 4600 gpm (1045 m <sup>3</sup> /hr)
<b>Cause Nickel Mining Project</b> (Norilsk Nickel)	Australia	Two (2) MT-2308	Davy	Decommissioned	Organic Coalescer 4600 gpm (1045 m <sup>3</sup> /hr)
<b>Gunpowder Mining Project</b>	Australia	Two (2) MT-1080 (12.0 ft) (3.6 m)	Bateman-Kinhill	Operational in 1998 (Decommissioned)	Aqueous Coalescer 3200 gpm (722 m <sup>3</sup> /hr)
	Russia	One (1) MT-1050 (9.0 ft) (2.7 m)	Minproc	Decommissioned	Organic Coalescer 1400 gpm (318 m <sup>3</sup> /hr)

## Carbon Filters and Ion Exchanger Systems *Solvent Extraction & Mining Industry*

Client:	Location:	System:	Engineer:	Status:	Application:
<b>Altair Pilot Project</b> (Altair Nanomaterials, Inc.)	Reno, NV USA	One (1) IX-910 (0.5 ft) (0.2 m)	Altair	In Operation	1 gpm (1 m <sup>3</sup> /hr)
<b>Bulong Nickel Mining Project</b> (Norilsk Nickel)	Australia	Two (2) CF-1035 (7.5 ft) (2.3 m)	Bateman-Kinhill, J.V. Kilbourn		221 gpm (50 m <sup>3</sup> /hr)
<b>Cause Nickel Mining Project</b> (Norilsk Nickel)	Kalgoorlie, W. Australia	Two (2) CF-1075 (11.5 ft) (3.5 m)	Minproc-Davy International	Nickel Raffinate	519 gpm (118 m <sup>3</sup> /hr)
<b>Cause Nickel Mining Project</b> (Norilsk Nickel)	Kalgoorlie, W. Australia	Two (2) CF-1040 (8.0 ft) (2.4 m)	Minproc-Davy International	In Construction	Nickel Electrolyte Filter/Coalescer 250 gpm (57 m <sup>3</sup> /hr)
<b>Eichrom</b>	Cananea, Sonora, Mexico	Three (3) Column Ion Exchange Unit	Mexicana de Cananea		Iron Removal Copper Electrolyte
<b>Eichrom</b>	Various Locations	Three (3) Column Ion Exchange	Eichrom	Pilot	Iron Removal Copper Electrolyte
<b>Murrin Murrin</b> (Minera Resources Ltd.)	Western Australia	Carbon Filters	Fluor Daniel		Nickel