



SOLARCA GROUP REFERENCE LIST IN SOUTHEAST ASIA AND INDIA

Date	Client Name	Project Name	Location	Service	Description
2019					
1 May-19	Shell Chemicals Seraya	Shell Seraya Boiler maintenance work	Singapore	Steam Blowing	Steam blow of Utility Boiler A-5132
2 Feb-19	Shell EGS	V409A column	Singapore	Chemical Cleaning	Polymer removal and passivation of the Vessel interior
3 Jan-19	Shell EGS	V409B column	Singapore	Chemical Cleaning	Polymer removal and passivation of the Vessel interior
4 Jan-19	Shell MEG	Fin Fan Air Coolers	Singapore	Chemical Cleaning	On-line cleaning of finned tubes by soda blasting
5 Jan-19	Shell Bukom Refinery	F-5101 Boiler Replacement	Singapore	Steam Blowing	Steam blowing for new Boiler at project site
6 Jan-19	NEX Global - Sumitomo SMAG	E-3184 Shell Side	Singapore	Chemical Cleaning	Polymer removal from the Exchanger interior
2018					
1 Dec-18	Givaudan	SS process tank degreasing	Singapore	Chemical Cleaning	Phase 2 - Degreasing to remove process residues for tanks for product change.
2 Oct-18	Vietsovpetro / Eurotech	Offshore fin fan cooler cleaning	Vietnam	Chemical Cleaning	Sodium Bicarbonate cleaning of fin fan coolers at offshore location
3 Oct-18	Alcon / Omni Crest	Alcon plant project	Singapore	Chemical Cleaning	Chemical cleaning for new SS piping for new Alcon facility
4 Oct-18	AP Rayon / April Asia	Vanilla Project	Indonesia	Chemical Cleaning	Chemical Cleaning of 3 HP boilers at project site
5 Sep-18	Givaudan	Product Tanks & Vessels	Singapore	Chemical Cleaning	Maintenance Chemical cleaning to remove process residues to prepare the internal surfaces for operation of 19 tanks
6 Sep-18	Shell EGS	K-302 Chiller	Singapore	Chemical Cleaning	Maintenance Chemical cleaning to remove process residues and pickling/passivation to prepare the internal surfaces for operation
7 Jul-18	Shell EGS	E-202 Process Cooler	Singapore	Chemical Cleaning	Pre-commissioning Chemical cleaning to remove fabrication residues and pickling/passivation to prepare the internal surfaces for operation
8 Jun-18	Shell Chemicals Seraya	Shell Seraya HRSG B maintenance work	Singapore	Steam Blowing	Steam blow of HRSG B
9 Jun-18	Hyflux	Tuas One Waste To Energy	Singapore	Hire	Rental of steam blowing equipment (Blow valve, Silencer, target inserter, target plates)
10 Jun-18	AP Rayon / April Asia	Vanilla Project	Indonesia	Steam Blowing	Engineering of Steam blow of MP and LP systems at project site.
11 May-18	ST Marine	Cleaning of SS piping	Singapore	Chemical Cleaning	Maintenance cleaning of ship SS piping
12 May-18	Denka	Filter cleaning	Singapore	Chemical Cleaning	Regular chemical cleaning of process filters to remove polymer foulings
13 Apr-18	Evonik / Hiap Seng	Me6 Project	Singapore	Chemical Cleaning	Sterilisation of potable water storage tank and distribution piping
14 Apr-18	Abbot Nutritional / Omni Crest	Stainless Steel Water Piping	Singapore	Chemical Cleaning	Chemical cleaning to remove rouge residues and pickling/passivation to prepare the internal surfaces for operation.
15 Feb-18	Shell EGS	V406A column	Singapore	Chemical Cleaning	Chemical cleaning to remove ethylene oxides polymerised residues and pickling/passivation to prepare the internal surfaces for operation
16 Feb-18	Shell Chemicals Seraya	Shell Seraya HRSG A maintenance work	Singapore	Steam Blow	Steam blow of HRSG A
17 Jan-18	Lead Group	Mundi Pharmaceuticals	Singapore	Chemical Cleaning	Chemical cleaning of new Piping systems
2017					
1 Dec-17	Shell EGS	C402 column	Singapore	Chemical Cleaning	Chemical cleaning to remove ethylene oxide from column.
2 Oct-17	Shell EGS	V406B column	Singapore	Chemical Cleaning	Chemical cleaning to remove ethylene oxides polymerised residues and pickling/passivation to prepare the internal surfaces for operation.
3 Oct-17	JEL Maintenance	New and old HP Steam header	Singapore	Steam Blowing	Steam Blow of 1800m HP steam line for Sembcorp in Jurong Island
4 Oct-17	Omni Crest	Wyeth Nutritional RO tank & piping	Singapore	Chemical Cleaning	Chemical cleaning for new fabrications
5 Sep-17	Shell EGS	E8606 U-tube HX cleaning	Singapore	Chemical Cleaning	Chemical cleaning for tube side at our workshop.
6 Sep-17	Shell EGS	C405 column	Singapore	Chemical Cleaning	Chemical cleaning to remove ethylene oxide bottom of column
7 Sep-17	Shell EGS	V406B top rings	Singapore	Chemical Cleaning	Chemical cleaning to remove ethylene oxide at workshop
8 Aug-17	SRC	DCO filters cleaning	MTT workshop	Chemical Cleaning	Bitumen and catalyst removal
9 Jul-17	Exxon Mobil / Amec Foster Wheeler / Hiap Seng Engineering	Jurong Cogen Project	Singapore	Steam Blowing	Steam blow of new HPS and MPS header and two HRSGs at Exxon Mobil Refinery site.
10 Jun-17	JEL Pte Ltd	BLNG Cogen II	Brunei	Steam Blowing	Steam blow of two new boilers at BLNG site.
11 Apr 15 / Jul 17	Trimech	Leaf and cartridge filter cleaning	MTT workshop	Chemical Cleaning	Removal of silica and oil contaminants
12 Apr-17	CR Asia Thailand	Bangchack Refinery, 3E Improvement Project Phase I	Thailand	Chemical Cleaning	Supervision and engineering design of chemical cleaning of two boilers and one cooling water system in Bangchak Site
13 Jan-17	JGC	MOGAS Cogen project at SRC	Singapore	Hire	Hire of target insertion equipment, target plates, steam blow silencers and steam blow valve.
14 Jan-17	JEL Maintenance	BOP Efw @ Sakra HP Steam header	Singapore	Steam Blowing	Steam Blow of 700m HP steam line for Sembcorp in Jurong Island
2016					
1 Nov-16	JEL Pte Ltd	BLNG Cogen II	Brunei	Steam Blow	Steam blow of new HPS header at BLNG site.
2 Sep-16	APP	OKI project	Indonesia	Steam Blow	Steam blow of PB (power boiler), RB (recovery boiler) and two turbines in paper mill
3 Mar-16	April Asia / RAPP Indonesia	RAPP Kerinci	Indonesia	Steam Blow	Steam blow of RB3 recovery boiler in paper mill
4 Mar-16	Shell Eastern Petroleum	CD5 unit	Singapore	Steam Blow	Steam blow of MP lines to K-8501 and K-8701
5 Mar-16	Shell Seraya	A7101 and A7102 evaporators	Singapore	Chemical Cleaning	Cleaning with EDTA solution to remove process foulants
6 Mar-16	Shell Seraya	E7112 spiral heat exchanger	MTT workshop	Chemical Cleaning	Cleaning with EDTA solution to remove process foulants
7 Jan-16	Shell Eastern Petroleum	Cogen	Singapore	Steam Blow	Steam blow of MP steam line for Cogen project
2015					
1 Dec-15	JEL Maintenance	LP Steam line	Singapore	Steam Blow	Steam Blow of 700m LP steam line for Sembcorp in Jurong Island
2 Aug-15	JEL Maintenance	FACI HP Steam line	Singapore	Steam Blow	Steam Blow of 300m HP steam line for Sembcorp in Jurong Island
3 May-15	Areva	Dhursar Solar Project	India	Steam Blow	Steam Blow of a solar plant (third and final part)
4 May-15	WEC Engineers & Constructors	Evonik project	Singapore	Steam Blow	Steam Blow of 1km HP steam header for Sembcorp in Jurong Island
5 Apr-15	Shell Eastern Petroleum	ECC/Cogen	Singapore	Steam Blow	Steam blow of HRSG F-15501 and associated Steam systems.
2014					
1 Dec-14	Shell Eastern Petroleum	ECC TA2014	Singapore	Steam Blow	Steam blow of SHPS system for ECC and MPS system for new cogen
2 Dec-14	Areva	Dhursar Solar Project	India	Steam Blow	Steam Blow of a solar plant (second part)

3	Sep-14	Arudra Engineering	Adani Thermal power project, Tiroda, Maharashtra, India	India	Steam Blow	Unit 5 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
4	Jul-14	Shell Eastern Petroleum	Cogen project in Shell Bukom	Singapore	Steam Blow	Service dBMin steam blow for new MPS line from existing header.
5	Mar-14	JEL Maintenance	Naico SUT	Singapore	Steam Blow	Steam Blow of 4km HP header for Sembcorp in Jurong Island
6	Jan-14	Arudra Engineering	Adani Thermal power project, Tiroda, Maharashtra, India	India	Steam Blow	Unit 4 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
7	Mar-14	GEA	Mead Johnson -pre-commissioning cleaning	Singapore	Chemical Cleaning	Chemical cleaning for hoppers, exhaust housing, dryer ducting, dry powder section
2013						
1	Nov-13	Areva	Dhursar Solar Project	India	Steam Blow	Steam Blow of a solar plant (first part)
2	Aug-13	Arudra Engineering	Adani Thermal power project, Kawai, Rajasthan	India	Steam Blow	Unit 2 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
3	Aug-13	Technip / Hatch	Koniambo 270 MW Thermal power project	New Caledonia (France)	Chemical Cleaning	Chemical Cleaning of 270 MW coal fired supercritical boiler and steam systems
4	Jun-13	JEL Ltd	Rojana Power	Thailand	Steam Blow	dBMin Steam blow of 2 X dual pressure HRSG and steam lines
5	Mar-13	Arudra Engineering	Adani Thermal power project, Tiroda, Maharashtra, India	India	Steam Blow	Unit 3 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
6	Mar-13	Arudra Engineering	Adani Thermal power project, Kawai, Rajasthan	India	Steam Blow	Unit 1 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
7	Nov-13	SRC	Intercoolers	MTT workshop	Chemical Cleaning	Cleaning of scales/deposits
8	Jul-13	Shell Seraya	4' styrene monomer valves	MTT workshop	Chemical Cleaning	Cleaning & UHP of polymer - styrene monomer.
9	Jun-13	Shell MEG	Fiber type filters	MTT workshop	Chemical Cleaning	Cleaning of scales/deposits
10	Jun-13	Shell Seraya	A5142B HRSG	Singapore	Chemical Cleaning	Cleaning for 1 no. 33m3 HRSG
11	Jan-13	Shell Seraya	A5132 HRSG	Singapore	Chemical Cleaning	Cleaning for 1 no. 25m3 HRSG
12	Nov-13	Kinetics Process	Baxter - pre-commissioning RO + related systems cleaning	Singapore	Chemical Cleaning	Degreasing and passivation for new fabrications.
13	Mar-13	Shell Seraya	F5142B boiler HRSG	Singapore	Chemical Cleaning	Chemical cleaning for boiler
14	Jan-13	Shell Seraya	A5132 HRSG	Singapore	Chemical Cleaning	Chemical cleaning for boiler
15	Aug-13	Shell Seraya	F5142B HRSG	Singapore	Chemical Cleaning	Chemical cleaning for boiler
2012						
1	Dec-12	Arudra Engineering	Adani Thermal power project, Tiroda, Maharashtra, India	India	Steam Blow	Unit 2 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
2	Aug-12	JEL Ltd	NPT2 Project, Chonburi	Thailand	Steam Blow	dBMin Steam blow of 2 X dual pressure HRSG and steam lines
3	May-12	Pec-tech	PM 12 project, Xin Hui	China	Steam Blow	dBMin Steam blow of coal fired boiler and steam distribution systems to paper mill
4	Mar-12	Arudra Engineering	Adani Thermal power project, Tiroda, Maharashtra, India	India	Steam Blow	Unit 1 discontinuous steam blow of 660MW coal fired supercritical boilers and steam systems
5	Jan-12	Jurong Engineering Maintenance	Seray Power steam line to Denka	Singapore	Steam Blow	dBMin Steam blow of long steam line
6	Dec-12	Hiap Seng	SLNG	Singapore	Chemical cleaning	CWS + chlorinating potable water system
7	Sep-12	Hiap Seng	Lanxess	Singapore	Chemical cleaning	Weld joint passivation for pipes & ducting
8	Nov-12	Shell Seraya	A5142A HRSG	Singapore	Chemical cleaning	Cleaning for 1 no. 33m3 HRSG
9	Jul-12	Shell Seraya	E7112 spiral heat exchanger	MTT workshop	Chemical Cleaning	Cleaning with EDTA solution to remove process foulants
10	Jul-12	Shell Seraya	A7101 evaporators	Singapore	Chemical cleaning	Cleaning with EDTA solution to remove process foulants
11	Jun-12	Shell Seraya	E6333A titanium plate HX	Singapore	Chemical cleaning	Cleaning with sulphamic acid to remove process foulants
12	Jan-12	Micro Fab	Cleaning for 20 SS tanks at IFF	Singapore	Chemical cleaning	Desludging and chemical cleaning
13	Nov-12	Shell Seraya	F5142A HRSG	Singapore	Chemical cleaning	Chemical cleaning for boiler
14	May-12	Shell Seraya	A7101 evaporator	Singapore	Chemical cleaning	Cleaning with EDTA solution to remove process foulants
2011						
1	Apr-11	JEL Ltd	IRPC CHP project, Rayong	Thailand	Steam Blow	dBMin Steam blow of six HRSG with steam lines to associated to six steam turbines. Plus Steam lines to refinery units.
2	Mar-11	Black and Veatch	Glow Phase 5, Map Ta Phut	Thailand	Hire	Hire of target insertion equipment
3	Nov-11	Nucon	Dry powder section cleaning at Abbott	Singapore	Chemical cleaning	Degreasing and passivation
4	Jul-11	Abbott Nutritional	RWN/IGN pumps & SS316L pipelines	Singapore	Chemical cleaning	Degreasing, pickling and passivation
2010						
1	Nov-10	Air liquide	Soxal Hermes project, Jurong island	Singapore	Steam Blow	dBMin steam blow of Oxygen Plant Steam lines to turbines.
2	Jul-10	Shell Bukom	F3451 CO boiler + aux piping	Singapore	Chemical cleaning	Chemical cleaning for 69m3 CO boiler
3	Jul-10	Shell Bukom	C3602 ADIP column	Singapore	Chemical cleaning	Degreasing
4	Jan-10	Shell Seraya	Flame-arrestor	MTT workshop	Chemical cleaning	Chemical cleaning of foulants and passivation
5	Jul-10	Shell Bukom	F3451 CO boiler	Singapore	Chemical cleaning	Chemical cleaning for boiler
6	Jun-10	Shell Bukom	F4531 and V3411	Singapore	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
2009						
1	May-09	Foster Wheeler Asia pacific/ Shell Eastern Petroleum Company	Shell MEG Project	Singapore	Steam Blow	dBMin steam blow of steam lines to 6 steam pressure systems to refinery.
2	May-09	Keppel Seghers Engineering	Tuas waste to energy plant,	Singapore	Steam Blow	dBMin steam blow of two waste incinerator boilers and steam lines to turbine.
3	Aug-09	Novartis	Maintenance cleaning auto dispensing pipe spools	Singapore	Chemical cleaning	Chemical cleaning at MTT workshop
4	Oct-09	Novartis	Maintenance cleaning SS316L IBCs	Singapore	Chemical cleaning	Chemical cleaning at MTT workshop
5	Jul-09	Nucon	Wyeth S40 project -	Singapore	Chemical cleaning	Pre-commissioning chemical clean for silos and process piping
6	Apr-09	UCT	GSK Biologicals	Singapore	Chemical cleaning	Pre-commissioning chemical clean for SS316L process piping
7	Jun-08	Nucon	Abbott	Singapore	Chemical cleaning	Pre-commissioning & maintenance chemical clean for SS316L process piping
2008						
1	Feb-08	Pec-Tech	Riau Pulp Mill Kerinci	Indonesia	Steam Blow	dBMin Steam blow of HP Steam Line for Recovery Boiler
2	Jun-07	Technic Offshore	KO drum + suction drum	MTT workshop	Chemical cleaning	Pre-commissioning chemical cleaning
3	Nov-08	Vecom	Pickling & passivation of SS316L cargo piping system	Gibraltar	Chemical cleaning	Shipboard chemical cleaning for SS316L cargo piping system
4	Sep-08	Vecom	Pickling & passivation of SS316L cargo piping system	Gibraltar	Chemical cleaning	Shipboard chemical cleaning for SS316L cargo piping system
5	Jun-08	Vecom	Pickling & passivation of SS316L cargo piping system	Gibraltar	Chemical cleaning	Shipboard chemical cleaning for SS316L cargo piping system
6	May-08	Shell Chemicals Seraya	HX 2303 and HX 2403 heat-exchangers	MTT workshop	Chemical cleaning	Chemical cleaning shell sides both exchangers
7	May-08	Shell Chemicals Seraya	A7101 evaporators	Singapore	Chemical cleaning	Chemical cleaning tube sides
8	Mar-08	Bluewater Energy c/o Aibel	Aoka Mizu FPSO	Singapore	Chemical cleaning	Pre-commissioning chemical cleaning for SS pipelines, lube oil tanks on board FPSO.
9	Jul-08	Chimec	Decon of HX, desalter and CD4 at Shell Bukom	Singapore	Chemical cleaning	Labor supply for decontamination
10	Jun-08	PEC	High purity N2 line at Pulau Sakra	Singapore	Chemical cleaning	Chemical cleaning
11	Apr-08	West Pharmaceutical	Pickling & passivation of SS316L pipe spools	Singapore	Chemical cleaning	Chemical cleaning
12	Mar-06	Aventis Pharma	Pickling and passivation of pipe spools	Singapore	Chemical cleaning	Chemical cleaning
13	Mar-06	A Bio	Chemical cleaning for SS stirrer	Singapore	Chemical cleaning	Chemical cleaning
14	Jun-06	Aventis Pharma	Chemical cleaning 3 carbon steel jackets	Singapore	Chemical cleaning	Chemical cleaning
2007						
1	Jun-07	Technic Offshore	Lube oil tank	MTT workshop	Chemical cleaning	Pre-commissioning chemical cleaning
2	Aug-07	Tetra Pak/ CPS	Abbott Nutritional	Singapore	Chemical cleaning	Pre-commissioning chemical cleaning of SS316L evaporators
3	Sep-07	Shell Bukom	F9801 Cogen boiler	Singapore	Chemical cleaning	Chemical cleaning
2006						

1	Apr-06	Pec-Tech	Kerinci	Indonesia	Steam Blow	Steam blow Aker Kvaerner single pressure coal fired boiler and steam lines
2	Jul-06	Aventis Pharma	Chemical cleaning IMS unit	Singapore	Chemical cleaning	Chemical cleaning
2005						
1	Jul-05	Wyeth Nutritional	Tenkay dust collector	Singapore	Chemical cleaning	Chemical cleaning - maintenance cleaning
2	Jun-05		Shanghai Caojing Units 1 & 2 HRSG	China	Chemical cleaning	Pre-commissioning chemical cleaning
3	Apr-05	Shell Bukom	F5102A water tube boiler	Singapore	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
2003						
1		Shell Seraya	A5142A HRSG	Singapore	Chemical cleaning	Economiser, Evaporator and drum & superheater
2		Shell Seraya	A5142B HRSG	Singapore	Chemical cleaning	Economiser, Evaporator and drum & superheater
3		Shell Seraya	A5132 HRSG	Singapore	Chemical cleaning	Economiser, Evaporator and drum & superheater
4		Shell Bukom	F5103 water tube boiler	Singapore	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
5		Shell Bukom	F5102B water tube boiler	Singapore	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
6		Shell Bukom	F5102A water tube boiler	Singapore	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
2002						
1	Jul-02	OGP (Petronas)	Lummut	Brunei	Steam Blow	Steam blow of Onshore Natural Gas compression station.
2		PTAS	Shell Brunei F1513 HRSG	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
3		PTAS	Shell Brunei F1512 HRSG	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
4		PTAS	Shell Brunei F1511 HRSG	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
2001 and before						
			Project name	Location	Service	Description
1		Dow Chemical	Chemical cleaning of cast line puller, HX & systems	Singapore	Chemical cleaning	Chemical cleaning
2		SRC	Chemical cleaning of lube oil & aircoolers	Singapore	Chemical cleaning	Chemical cleaning
3		SRC	Chemical cleaning for SS DCO filters	Singapore	Chemical cleaning	Chemical cleaning
4		Chevron Chemicals	Chemical cleaning for oleum tank	Singapore	Chemical cleaning	Chemical cleaning
5		PT Duta Voest Alpine	Chemical cleaning of compressor end spool pipelines	Indonesia	Methanol plant	Chemical cleaning
6		PT Samudra Ferro Engr	Detergent flushing of oxygen compressor line	Indonesia	Methanol plant	Chemical cleaning
7		Shell Eastern Petroluem	Derust & decarbonizing of flare-gun	Singapore	Refinery	Chemical cleaning
8		KMI Bontang	Pre-commissioning of HP oxygen line	Indonesia	Methanol plant	Chemical cleaning
9		Parsons Turbine	Condenser & seawater system on Enemalta's Marsa & poer station	Malta	Power station	Chemical cleaning
10		Shell Brunei	9 lines main steam generator & economizer units	Brunei	Gas liquifaction plant	Chemical cleaning
11		Anabeeb Parsons	Kemaya III inter-connecting line	Saudi Arabia	Chemical plant	Chemical cleaning
12		Nuovo Pignone/Rosetti	Alkaline bolout & magnetite drive of HRSG 1,2 and 3	Brunei	Gas liquefaction plant	Chemical cleaning
13		Shell Seraya	Derusting & decarbonizing of flame-arrestor and flare-gun	Singapore	Chemical plant	Chemical cleaning
14		Shell Seraya	Derusting & decarbonizing of nozzle gun	Singapore	Chemical plant	Chemical cleaning
15		Shell Seraya	Decarbonizing of E173 spiral type heat-exchanger	Singapore	Chemical plant	Chemical cleaning
16		Shell Seraya	Decarbonizing of silencers	Singapore	Chemical plant	Chemical cleaning
17		Shell Seraya	A7101 and A7102 evaporators	Singapore	Chemical plant	Chemical descaling of evaporators
18		Shell Seraya	A5132 boiler, HRSGs A5142A & B	Singapore	Chemical plant	Carbon removal and post-operational cleaning
19		Shell Eastern Petroluem	Boiler F5103, F5102B & F5102A	Singapore	Refinery	Maintenance cleaning steam side of boiler
20		Vecom Industrial	3 stage standrad Fasel HRSG 11A	Netherland	Power station	Consultancy & supervision of pre-commission cleaning
21		F & N Coca Cola	Chemical cleaning of pipeline unit to production area	Singapore	Food manufr	Chemical cleaning
22		Aventis Pharma	DPW & distribution system	Singapore	Chemical cleaning	Chemical cleaning
23		Wyeth Nutritional	Pre-commissioning chemical cleaning	Singapore	Chemical cleaning	Chemical cleaning
24		Philip Mueller	Pre-commissioning chemical cleaning of PSG,WFI * WFT tank	Singapore	Chemical cleaning	Chemical cleaning
25		Lurgi Gas Chemie	Solvent cleaning of system piping	Indonesia	Chemical cleaning	Chemical cleaning
26		Glaxo Wellcome	Chemical cleaning of Kammera valve body of contaminated aluminum oxides	Singapore	Chemical cleaning	Chemical cleaning
27		Smithkline Beecham	Pre-comm cleaning of PWS	Singapore	Chemical cleaning	Chemical cleaning
28		Rhone Poulenc	Pre-comm cleaning & sanitization of depyrogeneration plant	Singapore	Chemical cleaning	Chemical cleaning
29		Aventis Pharma	Pre-comm cleaning of PWS	Singapore	Chemical cleaning	Chemical cleaning
30		Wyeth Pharmaceutical	Pre-commissioning cleaning of SS equipment	Singapore	Chemical cleaning	Chemical cleaning
31		PTAS	Shell Brunei F5201	Brunei	Chemical cleaning	Economiser, Evaporator and drum cleaning
32		PTAS	Shell Brunei F5202	Brunei	Chemical cleaning	Economiser, Evaporator and drum cleaning
33		PTAS	Shell Brunei F5203	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
34		PTAS	Shell Brunei F5204	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
35		PTAS	Shell Brunei F5205	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
36		PTAS	Shell Brunei F5206	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
37		PTAS	Shell Brunei F5209	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
38		PTAS	Shell Brunei F5208	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning
39		PTAS	Shell Brunei F5207	Brunei	Chemical cleaning	Economiser, Evaporator and drum to 60% cleaning