

MIR VALVE MALAYSIA - REFERENCE LIST

API 6D/6DSS BALL AND GATE VALVES



MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20120084 Sept. 2012	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	20" CL. 600, FB, RF, Body: LF6 Cl.2, Trims: DSS, Seat insert: Nylon, Special features: Double Piston Effect, SS Sealant Injection Port, Bleed Facility, HP Gas Test	Manual	-	Valve for DBP Stock	Onshore	1	Feb-13
M20120083 Sept. 2012	VSA	Australia	Woodside	Australia	MV3 Side-Entry Ball Valves	10" CL.900 FB RTJ Full Duplex Body, Metal-to-metal seated in Duplex + TCC, Superduplex stem, DBB, Sealant Injection Point, NACE compliant	Double Acting	ATC	Vincent Transition Project	Offshore	2	Feb-13
M20120069 August 2012	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	12" CL.600, RF, FB, Body: CS, Trims: SS, Seat insert: Nylon, Double Piston Effect, SS Sealant Injection Port, Bleed Facility, Submerged Water High Pressure Gas Test	Manual	-	Dampier to Bunbury Natural Gas Pipeline (DBNGP) Project	Onshore	1	12-Dec
M20120060 July 2012	Ellatec (M) Sdn. Bhd.	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	2" CL.300/900, RF, RTJ, FB, Body & Trims: SS, Seat insert: Devlon V, Seals: Viton, Special features: Seat Sealant Injection	Manual	-	Telok A	Onshore	4	13-Jan
M20120056 July 2012	Engineers India Limited	India	GAIL (India) Limited	India	MV3 Side-Entry Ball Valves	10" CL.1500, RTJ, FB, Body: LTCS, Trims: DSS, Special features: Extended Bonnet, Low Temperature Testing	Manual	-	Supply of Ball Valves for Petrochemical Complex II at Vijaiapur	Onshore	2	13-Jan
M20120055 July 2012	Kencana HL	Malaysia	HESS	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5" CL.150, RF, RB, Body & Trims: SS, Seat insert: rPTFE	Pneumatic Actuator	Paladon	EPS Kamelia-A Wellhead Platform & Pipelines	Onshore	1	13-Jan
M20120054 July 2012	Syntex Energy	Thailand	CHEVRON	Thailand	MV3 Side-Entry Ball Valves	6" CL.600, RF, FB, Body: LTCS, Trims: SS, Seat inserts: PEEK	Manual	-	Platong Gas II Development	Offshore	2	12-Oct
M20120052 July 2012	Global Sigma	Brunei	Brunei Shell Petroleum	Brunei	MV3 Side-Entry Ball Valves	3" CL.1500, RF, FB, Body & Trims: DSS, Seat insert: Nylon PA 12/G, Seals: Viton, Seat configuration: Self Relieving, Fugitive Emission Test	Manual	-	Bulan Bulan Project	Onshore	2	12-Nov
M20120049 July 2012	Global Sigma	Brunei	Brunei Shell Petroleum	Brunei	MV3 Side-Entry Ball Valves	4" CL.900, RF, FB, Body & Trims: SS, Seat insert: PEEK, Seals: Lipseal, Special features: Extended Bonnet, Seat configuration: Self Relieving	Manual	-	Replacemnet	Onshore	1	12-Nov
M20120047 June 2012	Jaidah Motors	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" CL. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Hydraulic Actuator	Paladon	-	Offshore	7	12-Nov
M20120045 June 2012	Jaidah Motors	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2"x1.5", 3", 4"x3" CL.300/1500, RF, RB, FB, Body: LTCS+ENP/SS, Trims: SS, Seat insert: Nylon, Viton+Fire safe graphite seals, Stem: 17-4 PH	Pneumatic	Paladon	PS-1K 4th Power Generation Train	Offshore	6	12-Dec
M20120042 June 2012	Sarawak Shell	Malaysia	Sarawak Shell Occidental Petroleum of Qatar	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5" CL.1500 RF, RB, Body & Trims: DSS, Seat insert: PEEK, Seals: Lipseal, Special features: Extended bonnet, Seat configuration: Self relieving	Pneumatic	Biffi	Replacement	Offshore	2	12-Dec
M20120041 June 2012	Jaidah Motors	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" CL. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Hydraulic Actuator	Paladon	-	Offshore	3	12-Nov
M20120039 May 2012	Ramsis Engineering	Bahrain	Tatweer Petroleum	Bahrain	MV3 Side-Entry Ball Valves	12" CL.300, FB, RF, Body: CS, Trims: SS, Seat insert: rPTFE	Manual	-	New Tank Batteries and Well Manifolds - Additional Order	Onshore	2	12-Aug
M20120037 May 2012	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	6" CL. 600 FB, RF, Body: LF6, Trims: F316/F51, Stem extension 2.7m, Seat insert: Nylon, Viton AED seals + Fire safe Graphite, HP Gas Test	Manual	-	Red Gully Inlet Connection	Onshore	1	12-Sep
M20120033 May 2012	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	24" CL.900, FB, RTJ, Body: LTCS, Trims: A182 F51, Stem: Inconel 718, Bore ID=575mm, Seat insert: Nylon PA 12/G	Manual	-	Replacement of Passing Valves installed at Angsi TCOT Plant	Offshore	3	12-Aug

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M20120032 May 2012	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	3", 16", 20" CL.600/900, FB, RF, Body: LF2 Trims: F316/F51, Seat insert: Nylon, Viton AED seals + Fire safe Graphite, HP Gas Test	Manual & Pneumatic Actuator	Paladon	Macedon Inlet Station	Onshore	3	12-Oct
M20120031 May 2012	SBM Offshore Group	Malaysia	Murphy Sarawak Oil	Malaysia	MV3 Side-Entry Ball Valves	2", 8" CL.2500, FB, Body: LTCS/CS, Trims: DSS+TCC, Stem: Inconel 718, metal seated+150µm TCC	Hydraulic	Paladon	Kakap Ices - Kikeh Tie Back (Shutdown Valve)	Offshore	3	12-Oct
M20120029 May 2012	Kencana HL	Malaysia	HESS	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5", 2", 12" CL.900, RTJ, RB/FB, Body: DSS, Trims: DSS/DSS+TCC, Seat insert: PEEK/ Metal Seated	Pneumatic Actuator	Paladon	EPS Kamelia-A Wellhead Platform & Pipelines	Offshore	3	12-Sep
M20120029 May 2012	Kencana HL	Malaysia	HESS	Malaysia	MV-F Floating Ball Valves	1"x3/4" CL.150, RF, RB, Body: SS, Trims: SS, Seat insert: PTFE	manual	-	EPS Kamelia-A Wellhead Platform & Pipelines	Offshore	3	12-Sep
M20120027 April 2012	Jaidah Motors	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" CL. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Hydraulic Actuator	Paladon	-	Offshore	3	12-Sep
M20120026 April 2012	Jaidah Motors	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" CL. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Hydraulic Actuator	Paladon	-	Offshore	8	12-Sep
M20120025 April 2012	VSA	Australia	TRUenergy Victoria	Australia	MV4-LT Side-Entry DBB Twin Ball Valves	4" CL.1500, RF, Body: F316, Trim: F316, Seat insert: PCTFE, Lipseal Low temperature service (-138 deg C)	Manual	-	Mortlake Pipeline Extension	Onshore	2	12-Sep
M20120025 April 2012	VSA	Australia	TRUenergy Victoria	Australia	MV-F-LT Floating Side-Entry Ball Valves	3/4" CL.1500, SW, Body: F316, Trim: F316, Seat insert: PCTFE, Lipseal Low temperature service (-138 deg C)	Manual	-	Mortlake Pipeline Extension	Onshore	2	12-Sep
M20120025 April 2012	VSA	Australia	TRUenergy Victoria	Australia	MV3-LT Side-Entry Ball Valves	2", 3"x2", 8"x6", 10"x8", 12"x10" CL. 900/1500, RF, RB, FB, Body: LF2/A105/F316, Trims: F316/F51, Seats insert: Devlon V/PEEK/PCTFE, Lipseals, PMI Test Normal & low temperature service (-196 deg C)	Pneumatic Actuator	Rotork	Mortlake Pipeline Extension	Onshore	17	12-Sep
M20120022 March 2012	Lion Dri Sdn Bhd	Malaysia	Lion Dri Sdn Bhd	Malaysia	MV1 Top-Entry Ball Valves	16" CL. 600, FB, Bare Stem, WE+Pup-piece 500mm, Body & Trims: CS	Manual	-	Replacement Valve at Lion Dri Plant	Onshore	1	12-Oct
M20120019 March 2012	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5", 3"x2", 4"x3", 14"x12", 26"x24" CL. 600/900, RF, RB, Bare Stem, Body: SS316/Super Duplex, Trims: SS316/SS316L/SS17-4PH/Duplex/Super Duplex, Seat insert: PCTFE/Nylon/Nylon PA 12/G, Lipseals	Manual	-	Kinabalu NAG Phase II & Optimization Project	Offshore	16	12-Sep
M20120018 March 2012	TL Offshore	Malaysia	Murphy Sarawak Oil	Malaysia	MV3-SS Subsea Ball Valves	2", 8", 20" CL. 600, FB, WE/RTJ, BW, Body & Trims: A350 LF2, Stem: AISI 4140+ENP, Ball & Seats: Metal to Metal+TCC+ENP, Tested as per API 6DSS	Subsea Manual Gear	Rotork	MOC Year 2012 - Serendah & West Patricia	40m depth, Subsea	12	12-Jun
M20120015 March 2012	NPCC (National Petroleum Construction Company)	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	14" CL. 900, FB, RF, Body: CS, Trims: Inconel, Seat insert: PEEK, Sour Service	Electric Actuator	Rotork	Qusahwira Full Field Development 1.8	Onshore	2	12-Jul
M20120013 March 2012	GS E&C Corporation	Korea	Takreer / ADCO	UAE	MV5 Fully-Welded Ball Valves	8", 10", 12", 16", 20", 28" CL. 300/600/900, FB, Body: CS, Trims: SS316/17-4-PH, Seat insert: PTFE/RPTFE/Nylon	Electric Actuator	Rotork	MMBOPD Project Inter Refineries Pipelines-II (IRP-II)	Onshore	20	12-Oct
M20120013 March 2012	GS E&C Corporation	Korea	Takreer / ADCO	UAE	MV3 Side-Entry Ball Valves	4", 6", 8"x6", 8", 10"x8", 10", 12"x10", 12", 14"x10", 16"x12", 16", 18"x14", 20", 20"x16", 24"x20", 26"x20", 28"x22", 28", 30"x24", 32"x26" CL. 150/300/600/900, FB/RB, Body: CS, Trims: SS316/17-4-PH, Seat insert: PTFE/RPTFE/Nylon	Electric Actuator	Rotork	Inter Refineries Pipelines-II (IRP-II)	Onshore	603	12-Oct

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M20120012 February 2012	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	6" CL. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Pneumatic Actuator	Paladon	-	Onshore	1	12-Jul
M20120011 February 2012	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	4" CL. 600 FB, RF, Body: CS, Trims: SS, Seat insert: Nylon, Viton AED seals+Fire safe Graphite, B6/2H bolting, HP Gas Test	Manual	-	Modarra Storage Facility Meter Station	Onshore	1	12-May
M20120009 February 2012	Lion Dri Sdn Bhd	Malaysia	Lion Dri Sdn Bhd	Malaysia	MV3 Side-Entry Ball Valves	12" CL. 600, RF, FB, Bare Stem, LTCS, SS, Seat insert: Nylon, Re-Hydrostatic Test, Stroke Test	Manual	-	Replacement Valve at Lion Dri Plant	Onshore	1	12-Feb
M20120008 February 2012	SBM Offshore Group	Malaysia	Encana	Canada	MV3 Side-Entry Ball Valves	2"x1.5" CL. 150, RB, RF, SS, Seat insert: rPTFE, Fugitive Emission (Production) Test	Pneumatic Actuator	Paladon	MOPU Encana Deep Panuke Canada	Offshore	1	12-Jul
M20120007 February 2012	Sea & Land Projects Asia Sdn Bhd	Malaysia	Petrofac	Malaysia	MV3-SS Subsea Ball Valves	8" & 2" CL. 1500 meatl seated +TCC ball valves in full solid F51 duplex, RTJ, Full bore, tested as per API 6DSS	Gear / ROV Subsea	Rotork	West Desaru Field, Block PM304 for Cendor phase 2 PLET	65m depth, Subsea	5	12-Jul
M20120005 January 2012	Ramsis Engineering	Bahrain	Tatweer Petroleum	Bahrain	MV1 Top-Entry Ball Valves	2", 8", 12", 10", 16", 18", 20", 24" Cl. 150/300 FB Body & trims CS, with HIC test	Manual	-	New Tank Batteries and Well Manifolds	Onshore	90	Jul-12
M20120004 January 2012	Alsa Engineering	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	2", 6" Cl. 1500, trims in Inconel 625, sour service	Manual	-	ADCO Tie-In	Onshore	30	May-12
M20120001 January 2012	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	6" Cl. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Pneumatic Actuator	Paladon	-	Onshore	1	12-Apr
M20110114 December 2011	Petronas Carigali	Iraq	Petronas Carigali	Iraq	MV3 Side-Entry Ball Valves	4" 6", 8", 10", 18", Cl. 600/1500 FB RF metal seated, Body & trims: CS/SS/ Duplex, high pressure testing, HIPPS application	Hydraulic / Electric Actuator	Biffi and Rotork	FCP OFFSITE FACILITIES FOR GARRAF OPERATIONS	Onshore	52	Jul-12
M20110113 December 2011	Global Sygma	Borneo	Brunei Shell	Borneo	MV3 Side-Entry Ball Valves	16" Cl. 900 FB RF Body: CS, Trims: Duplex, MESC SPE 77/312, FE Testing, TAT Certified valve, sour service NACE Compliant	Manual	-	Osprey Project	Onshore	6	12-Apr
M20110112 December 2011	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	6" Cl. 600 FB RF Body & trims LTCS/SS/Duplex, High Pressure Gas Test	Manual	-	Brown Range Lateral	Onshore	4	12-Apr
M20110107 December 2011	JAG Flocompoents	USA	Various	USA	MV3 Side-Entry Ball Valves	6", 8", 10", 12" 16", 20", 24" Cl. 600 FB RF Body & Trims: CS/CS+ENP NACE Compliant	Manual	-	various	Onshore	58	Jun-12
M20110106 November 2011	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6"x4" Cl. 1500 RB RF Full Duplex DBB, Peek insert ISO /IEC 17025 certified	Pneumatic Actuator	Paladon	Replacement on Reza k Platform	Offshore	4	May-12
M20110105 November 2011	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	24"x20" Cl. 600 RB RF DPE seats Body: LTCS / Trims: Duplex High Pressure Gas Testing	Bare Stem	-	Compressor Station Isolation valves	Onshore		May-12
M20110103 November 2011	Jahind Projects Limited	Nigeria	Nigerian Gas Company Limited (NGCL)	Nigeria	MV3 Side-Entry Ball Valves	2", 4", 8", 10", 24", Cl.150/600 FB RF Body & Trims: CS/CS+ENP Peek Insert	Manual	-	Gas supply to PCHN Plant Papalanto Olorunsogo	Onshore	72	Mar-12

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M20110103 November 2011	Jahind Projects Limited	Nigeria	Nigerian Gas Company Limited (NGCL)	Nigeria	MV-F Floating Side-Entry Ball Valves	3/4", 3" Cl. 150/300/800 FB RF/SW Body & Trims: CS / CS+ENP Devlon/ Peek inserts	Manual	-	Gas supply to PCHN Plant Papalanto Olorunsogo	Onshore	13	Mar-12
M20110101 November 2011	Dyna Segmen	Malaysia	Petronas Penapisan Melaka Refinery	Malaysia	MV3 Side-Entry Ball Valves	4" Cl. 300 FB RF Body & Trims: CS/SS, Metal Seated+TCC, DBB	Pneumatic Actuated	Paladon	Dagangan berhad Melaka Fuel Terminal Refinery	Onshore	3	12-Apr
M20110099 November 2011	VALSER ENGINEERING	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	28" Cl. 900 FB RF Body & Trims: CS/SS	Bare Stem	-	KUMANG CLUSTER DEVELOPMENT PROJECT (MLNG-2 Onshore TIE-IN)	Onshore	3	Jun-12
M20110098 November 2011	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	8" Cl. 1500 FB RTJ Body & Trims: CS/SS NACE Compliant	Pneumatic Actuated	Paladon	replacement	Offshore	1	Mar-12
M20110097 October 2011	VSA	Australia	SCORE Pacific	Australia	MV3 Side-Entry Ball Valves	8"x6", Cl. 300 RB RF Full Duplex Peek Insert	Manual	-	Callidus	Onshore	1	Mar-12
M20110096 October 2011	VSA	Australia	SCORE Pacific	Australia	MV3 Side-Entry Ball Valves	10", 8", 16"x12" Cl. 150 FB/RB RF Body & trims: LTCS/SS+Peek	Manual	-	Callidus	Onshore	4	Mar-12
M20110095 October 2011	VSA	Australia	SCORE Pacific	Australia	MV3 Side-Entry Ball Valves	6"x4" Cl. 300 RB RF Body & trims: LTCS/SS+Peek	Manual	-	Callidus	Onshore	1	Mar-12
M20110094 October 2011	Punj Lloyd	UAE	ADCO	UAE	MV-F Floating Side-Entry Ball Valves	2"x1.5", 4"x3", Cl. 150/800 RB RF Body: CS/SS, Trims: SS/Superduplex/ Inconel, Peek Inserts, FE testing	Manual	-	Spiking Gas Compressor at Shah CDS	Onshore	110	May-12
M20110094 October 2011	Punj Lloyd	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	10", 12", 2", 3", 4", 6", 8" Cl. 150/300/600/1500 FB/RB RF Body: LTCS/SS, Trims: SS/Superduplex/ Inconel, Peek Inserts, FE testing, Sour service	Manual	-	Spiking Gas Compressor at Shah CDS	Onshore	357	May-12
M20110093 November 2011	Ranhill Worley	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5" Cl. 900 RB RTJ Full Duplex High Pressure Gas Testing 0 Leakage	manual	-	Bintang A and Bintang B Infill Drilling Project	Offshore	6	Mar-12
M20110091 September 2011	ExxonMobil	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	6", 2"x1.5" Cl. 1500 FB/RB RTJ Body& Trims: CS+Weld overlay Inconel 625 and ENP, metal seated +TCC, high pressure gas testing zero leakage, ANSI B16.34	Manual	-	Stock replenishment	Offshore	3	Mar-12
M20110089 October 2011	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6"x4" 2"x1.5" Cl. 300/900/1500 RB RF Metal-seated+TCC, Full Duplex / Full SS	Electric / Pneumatic Actuator	Rotork / Paladon	Resak Platform	Offshore	1	12-Apr
M20110087 October 2011	Aqeel Engineering and Construction	Malaysia	Petronas Dagangan Berhad	Malaysia	MV3 Side-Entry Ball Valves	30", 18", 2"x1.5", Cl. 600, FB RF Body & Trims: CS/SS	Hydraulic Actuator	Paladon	GPP-B Dew Point Control Unit -3	Onshore	4	12-Apr
M20110083 October 2011	Hyundai Engineering	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	3"x2", 2", 3", 4", 4"x3", 6"x4", 6", 8"x6", 8", 10"x8", 12"x10", 16"x14", 20"x18" Cl. 150/300/600 RF Body: SS/ Trims: SS+CCC, RPTFE / Metal-seated+CCC, c/w Solenoid Valves, BW + 500mm pup ends, SIL certified SDV	Bare Stem	-	PRR2	Onshore		Jul-12
M20110082 October 2011	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	12", Cl. 600 RF Full SS / Duplex DPE+sealant injection port and bleed facility High Pressure Gas Testing	Manual or Pneumatic Actuated	Paladon	Mondarra Gas Storage Meter Station	Onshore	8	Mar-12

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M20110081 October 2011	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	20", 16", 3" Cl. 1500, FB RTJ 2" Cl. 600 RF Full Duplex DPE+sealant injection port and bleed facility High Pressure Gas Testing	Manual or Pneumatic Actuated	Paladon	Gorgon Inlet Station Project	Offshore	3	Mar-12
M20110080 October 2011	Hyundai Engineering	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	20", 16", 12" Cl. 150 3" Cl. 300 FB RF Body: CS /SS, Trims: SS / Duplex / Inconel	Pneumatic /GOO Actuated	Biffi	PRR2	Onshore	7	Jan-12
M20110078 September 2011	Hyundai Engineering	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	14"x12", 8"x6", 16"x14", 18"x16", 20"x18", 12"x10", 6"x4", 3"x2", 3", 10"x8", 4"x3", 6", 2", 4", Cl. 150 / 300 / 600 FB/ RB RF Body: CS /SS, Trims: SS / Duplex / Inconel	Pneumatic /GOO Actuated	Biffi	PRR2	Onshore	56	Nov-11
M20110077 September 2011	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	10", 2" Cl. 600 FB RF Body: LTCS / Trims: SS / Stem: Duplex gas testing	manual	-	WORSLEY FACILITIES PROJECT	Onshore	4	Dec-11
M20110073 September 2011	Ranhill Worley	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	2"x1"1/2 Cl.900 RB RTJ Full Duplex NACE Compliant	manual	-	Brownfield BINTANG-A & BINTANG-B INFILL DRILLING	Offshore	12	Feb-12
M20110071 August 2011	Samsung Engineering	Malaysia	Petronas Carigali	Malaysia	MV7-SS Subsea Through-Conduit Gate Valves	10" Cl. 300 RTJ BW Forged Body LF2 with SS weld overlay on all wetted areas / ball & Trims SS + TCC / Duplex, lipseals, High pressure gas test API 6DSS Design and Testing	subsea gear	-	SOGT (Sabah Oil Gas Terminal)	35m depth, Subsea	2	Mar-12
M20110070 September 2011	VSA	Australia	EPIC Energy	Australia	MV3 Side-Entry Ball Valves	8" Cl. 600 FB RF Body and Trims: LTCS / SS/ Duplex	Manual	Osborne Regulator Section	Stock replenishment	Onshore/Offshore	1	Sep-11
M20110066 August 2011	VSA	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	20" Cl. 600 FB RF Body & Trims: LTCS, DPE High Pressure Gas Testing	Manual	-	Gorgon Inlet Station Project	Onshore	1	Jan-12
M20110065 July 2011	SPEC International FZE	UAE	Petronas Carigali	Iraq	MV3 Side-Entry Ball Valves	6", 10", 8", 18" Cl. 600/1500, FB RF body: CS , trims: duplex, NACE Compliant, high-pressure testing, HIPPS application	electric and hydraulic actuator	Biffi and Rotork	Offsite Cluster 1 Facilities Garraf Operations	Offshore	14	Jan-12
M20110064 August 2011	Gemini trading	Oman	CCED	Oman	MV3 Side-Entry Ball Valves	10", 16", 8" Cl. 300 FB/RB Body & Trims: LTCS+ ENP / SS sour service	Pneumatic actuated	Paladon	Block 3&4 development Project (Phase II)	Onshore	7	Dec-11
M20110062 August 2011	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" Cl. 900 FB RF Body and Trims: CS	Manual	-	-	Onshore	4	Dec-11
M20110061 August 2011	Falcor Engineering	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	2" Cl.600 FB RF Body & Trims: SS, Stem Duplex,	Manual	-	Habshan to Fujairiah Pipeline Project	Onshore	23	Aug-11
M20110060 July 2011	TL Offshore	Malaysia	Petrofac	Malaysia	MV3-SS Subsea Ball Valves	12", 2" Cl. 1500 FB RTJ, Body & Trims Full Duplex, API 6DSS Design and Testing	Subsea Manual Gear	Rotork	DIA ANDRA-A to PLET Gas Export Pipeline for Berantai Project	72m depth, Subsea	8	11-Nov
M20110059 July 2011	Algotech Sdn.Bhd.	Malaysia	Petronas Gas Berhad	Malaysia	MV-F Floating Side-Entry Ball Valves	1", 1/2", 3/4" CL. 800 SW/NPT Body and Trims: CS, natural gas	Manual	-	Lekas LNG PGB Regasification Project	Offshore	24	11-Nov
M20110059 July 2011	Algotech Sdn.Bhd.	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	12" CL. 600 FB RF Body and Trims: CS, CS+ENP, DBB, DPE, natural gas	Manual	-	Lekas LNG PGB Regasification Project	Offshore	1	11-Nov
M20110057 July 2011	Hablem Oil & Gas	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	3" Cl. 600 RF Body CS, Trims SS / Duplex, Devlon	Manual	-	Terrengganu Crude Oil Terminal	Offshore	4	11-Jul
M20110056 July 2011	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2"Cl. 1500, 12" Cl. 150, SDV RTJ, Body / Trims: CS/SS/ 17-4PH, NACE complaint	Hydraulic / Pneumatic Actuator	Paladon	-	Offshore	8	11-Nov

MIR VALVE MALAYSIA - REFERENCE LIST

API 6D/6DSS BALL AND GATE VALVES



MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20110052 July 2011	Hyundai Engineering	Korea	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	3/4", 1", 1.5", 2", 4"x3", 4", 6"x4", 6", 8"x6", 8", 10", 12"x10", 12", 14"x12", 14", 16"x14", 18"x16", 20", 20"x18", 30" 36"Cl. 150/300/ 600 / 900, RF /RTJ Body: SS/ Trims: SS+CCC, RPTFE / Metal-seated+CCC, c/w Solenoid Valves, BW + 500mm pup ends, SIL certified SDV	Pneumatic, GOO Actuator	Biffi	Plant Rejuvenation and Revamp PRR 2 Project	Onshore	104	11-Dec
M20110050 June 2011	Hyundai Engineering	Korea	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	1.5", 2", 3", 4"x3", 4", 6"x4", 6", 8"x6", 8", 10", 10"x8", 12"x10", 14"x12", 14", 16"x14", 18"x16", 20", Cl. 150/300/ 600 / 900, RF /RTJ Body: CS/ Trims: SS, RPTFE c/w Solenoid valves, partial stroking test device	Pneumatic Actuator	Biffi	Plant Rejuvenation and Revamp PRR 2 Project	Onshore	65	11-Dec
M20110048 June 2011	Gemini trading	Oman	Occidental Petroleum of Oman	Oman	MV3 Side-Entry Ball Valves	8" Cl. 600 FB RF Full duplex	Pneumatic Actuator	Paladon	CPF Testing Facility	Onshore	5	11-Nov
M20110047 June 2011	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	6" Cl. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Pneumatic Actuator	Paladon	Valve replacement	Offshore	7	11-Sep
M20110046 May 2011	Kencana HL	Malaysia	Newfield	Malaysia	MV3 Side-Entry Ball Valves	4"x3" Cl. 600, 2"x1.5 Cl. 150, Body: CS / Trims: 17-4PH, PTFE, for shutdown	Pneumatic Actuator	Bettis	PM 318 Puteri Pipeline	Offshore	4	11-Sep
M20110045 May 2011	Kencana HL	Malaysia	Newfield	Malaysia	MV3 Side-Entry Ball Valves	2", 3", 4", 6", CL. 600 /900 /1500 FB RF/RTJ Body : CS, Trim: SS, NACE MR-0175, Seat: Devlon	Manual	-	PM 318 Puteri Pipeline	Offshore	13	11-Jul
M20110042 May 2011	Krohne Oil & Gas EPCC: Ranhill Worley	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	24" Cl.900 RF Body & Trims: CS+ENP / 17PH	Manual Gear with Limit Switch or Electric Actuator	Rotork	Lekas LNG - PGB Regasification Project	Offshore	10	11-Oct
M20110040 May 2011	NPCC (National Petroleum Construction Company)	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	18", 10", 8", 6" Cl. 300 FB RF Body: CS, Trims: Inconel, Seat insert: PTFE, PEEK, ViTON, sour service	Electric Actuator	Rotork	Qusahwira Full Field Development 1.8 MMBOPD Project	Onshore	25	11-Nov
M20110038 Apr. 11	Industry Pumping Solutions	New Zealand	New Zealand Steel	New Zealand	MV7 Through Conduit Gate Valves	8" Cl. 600 Body: A516 Gr. 70 Trim A350 LF2/A516 Gr.70 + ENP 0.075"	Electric Actuator	Rotork	Replacement of actuated Gate Valve at Waikato North Head Mine Site, Auckland	Onshore	1	11-Nov
M20110037 Apr. 11	JX Nippon Oil and Gas Exploration	Malaysia	JX Nippon Oil & Gas Exploration	Malaysia	MV3 Side-Entry Ball Valves	10"x8" CL.900 RB RF, Body: CS+ENP, Trims: SS, PTFE	Manual	-	Platform replacement	Offshore	1	11-Aug
M20110035 Apr. 11	Algotech Sdn.Bhd.	Malaysia	Petronas Gas Berhad	Malaysia	MV5 Fully-Welded Ball Valves	12"x10", 16"x14", 20"x18", 30", CL.600 FB/RB BW+500mm pups, stem extension CS/CS+ENP, Nylon	Gas Over Oil Actuator	Biffi	Lekas LNG PGB Regasification Project	Offshore	7	11-Oct
M20110035 Apr. 11	Algotech Sdn.Bhd.	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5 Cl. 600 RB RF CS/ CS+ENP, Nylon,	Manual	-	Lekas LNG PGB Regasification Project	Offshore	3	11-Oct
M20110035 Apr. 11	Algotech Sdn.Bhd.	Malaysia	Petronas Gas Berhad	Malaysia	MV-F Floating Side-Entry Ball Valves	1/2" Cl. 800 NPTF, CS/SS	Manual	-	Lekas LNG PGB Regasification Project	Offshore	16	11-Oct
M20110033 Apr. 11	Alsa Engineering	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	2", 6"x4", Cl. 150 FB RF CS/SS FE Testing acc. To 77/300 TAT	Pneumatic Actuator	Bettis	EPC CONTRACT FOR NORTH EAST BAB (NEB) PHASE 1 DEVELOPMENT	Onshore	5	11-Jul
M20110029 Apr. 11	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" Cl. 1500 RTJ, 4" Cl. 900 RTJ CS/SS	Manual	-	inventory	Offshore	14	11-Apr
M20110028 Mar. 11	ExxonMobil	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	6" Cl. 900, 1500, 10" Cl. 150 FB RTJ Body: CS, Trims: CS+ENP, Nylon / Body & Trims: SS, lipseal	Manual	-	replacement on platform	Offshore	13	11-Jul

MIR VALVE MALAYSIA - REFERENCE LIST

API 6D/6DSS BALL AND GATE VALVES



MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20110027 Apr. 11	CCED (CC Energy Development)	Oman	CCED	Oman	MV3 Side-Entry Ball Valves	2", 10"x8", 12"x10", 16" x14" CL. 150, 8" Cl. 300, FB/RB RF Body CS / Trims: CS+ENP, Seat insert: Nylon, NACE Compliant, Sour service	Pneumatic Actuator	Paladon	Block 3 & 4 Development Project Phase 2 Oman	Onshore	13	11-Jul
M20110025 Mar. 11	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" Cl. 600 FB RF CS/SS	Manual	-	inventory	Offshore	8	11-Apr
M20110021 Mar. 11	ExxonMobil	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	16", 8" Cl. 600 FB RF Body & Trims LTCS/SS, Devlon, PMI test, sweet service	Manual	-	replacement on platform	Offshore	2	11-Mar
M20110020 Mar. 11	ExxonMobil	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	3", 4" Cl. 1500 FB GHE metal seated, Body & Trims: CS / CS+ENP+TCC, Inconel Weldoverlay at Seat pockets	Manual	-	replacement on platform	Offshore	10	11-Aug
M20110019 Mar. 11	Keppel Shipyard	Singapore	OSX	Brazil	MV3 Side-Entry Ball Valves	4", 12" CL.150 RF FB, Body: CS, Trims: SS, DNV Design Approval	Pneumatic Actuator	Paladon	OSX-1 FPSO	Offshore	2	11-May
M20110017 Feb. 11	ExxonMobil	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	2", 3", 10" Cl. 900/1500 FB GHE/RTJ, Body CS, trims CS+ENP / Body & Trims: Full duplex	Manual	-	Replacement	Offshore	6	11-Jun
M20110016 Feb. 11	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	2", 8", 18" CL.600 FB RF CS/SS High Pressure Gas Testing	Manual	-	Cape Preston Meter Station	Onshore	14	11-Jun
M20110015 Feb. 11	KROHNE Oil & Gas BV	Malaysia	PetroVietnam	Vietnam	MV3 Side-Entry Ball Valves	4", 16" CL. 1500 FB RTJ Body CS/ Trims: CS+ENP	Manual Gear with Limit Switch or Electric Actuator	Rotork	Skids for Bien Dong	Offshore	14	11-Jun
M20110014 Feb. 11	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	3" CL.600 FB RF Double Piston Effect Body & Trims: CS / SS / F51	Manual	-	Pigging Pipeline Perth	Onshore	6	11-Mar
M20110013 Feb. 11	Punj Lloyd	UAE	Gasco	UAE	MV1 Top-Entry Ball Valves	2" CL.10000 Body & Trims SS,	Manual	-	Nitrogen Generation and Injection Project Mixed Case (NGI)	Onshore	1	11-Jul
M20110012 Feb. 11	Keppel Shipyard	Singapore	OSX	Brazil	MV3 Side-Entry Ball Valves	2", 4", 10" CL.150/300 RF FB, Body: CS, Trims: SS, DNV Design Approval	Pneumatic Actuator	Paladon	OSX-1 FPSO	Offshore	4	11-May
M20110011 Feb. 11	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	4", 6" Cl. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Pneumatic Actuator	Paladon	Pipeline ISSA/P-38 Production Line To lift gas supply	Offshore	2	11-Jul
M20110010 Feb. 11	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	10" CL.600 FB RF Double Piston Effect Body & Trims: CS / SS / F51	Manual	-	Pigging Pipeline Perth	Onshore	11	11-Feb
M20110008 Feb. 11	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	10"x8" CL. 900 RTJ Body: CS / Trims: F51 Duplex High Pressure Gas Testing	Manual	-	Ujung Pngkah Development	Offshore	2	11-May
M20110006 Feb. 11	VSA	Australia	Woodside	Australia	MV3 Side-Entry Ball Valves	4"x3" CL.300 RF, metal-seated, Inconel 625 w/o on seat pocket area Body & Trims: CS / SS	Manual	-	Valve replacement	Onshore	1	11-Jun
M20110005 Jan. 11	Keppel Shipyard	Singapore	OSX	Brazil	MV3 Side-Entry Ball Valves	2", 6", 8" CL.300/600 RF/RTJ FB, Body: CS, Trims: SS, DNV Design Approval	Pneumatic Actuator	Paladon	OSX-1 FPSO	Offshore	5	11-May
M20110003 Jan. 11	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	2" CL. 1500 RTJ FB Body & Trims: CS/SS	Manual	-	HUP-2-C-BK	Offshore	1	11-Feb
M20110002 Jan. 11	Keppel Shipyard	Singapore	OSX	Brazil	MV3 Side-Entry Ball Valves	2", 3", 6", 10", 12" CL.150/600/1500 RF/RTJ FB soft-seated PEEK /Devlon / Metal-seated+TCC, Body & Trims: Duplex F51 / Body: CS, Trims: SS, DNV Design Approval	Pneumatic Actuator	Paladon	OSX-1 FPSO	Offshore	11	11-May

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API 6D/6DSS BALL AND GATE VALVES



MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20100123 Dec. 10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	1.5"x1", 2"x1.5", 3"x2", 14"x12", 4"x3", 28"x26", CL.300/600/900 FB/RB, RF, Body and Trims: SS F316 / F55 Superduplex	Bare Stem	Biffi	Kinabalu NAG Development Phase II	Offshore	18	11-Dec
M20100122 Dec. 10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	1.5"x1", 2"x1.5", 3"x2", 4"x3", 6", 6"x4", 8"x6", 10"x8", 16"x14", 18"x16", 18", 24", CL.150/ 300/ 600/900/1500 FB/RB, RF, Body: CS+ENP/SS F316/ Duplex F51 / Superduplex F55, Trims: SS F316	Bare Stem	Biffi	Kinabalu NAG Development Phase I	Offshore	55	11-Aug
M20100122 Dec. 10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV-F Floating Side-Entry Ball Valves	1"x3/4" CL. 150 FF Body & Trims: CPVC	Bare Stem	Biffi	Kinabalu NAG Development Phase I	Offshore	7	11-Aug
M20100122 Dec. 10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2" 1/16 API 10000 RTJ Body and Trims SS	Bare Stem	Biffi	Kinabalu NAG Development Phase I	Offshore	1	11-Aug
M20100120 Dec. 10	Kencana HL	Malaysia	Newfield	Malaysia	MV3-SS Subsea Ball Valves	8" CL. 900 RTJ metal-seated, TCC coating, Full Duplex. 4" CL. 600 RTJ soft seated Full Duplex, 4" CL. 600 RTJ/WE T and U Spool assembly, full duplex Design and Testing to API 6DSS	Gear / ROV Subsea	Rotork	PM318 Puteri Pipeline	62m depth, Subsea	16	11-Apr
M20100118 Dec. 10	Keppel Shipyard	Singapore	OSX	Brazil	MV3 Side-Entry Ball Valves	4", 8" CL. 1500 RTJ in F51 duplex, metal-seated + TCC 150?	Pneumatic Actuator	Paladon	OSX-1FPSO Topside Upgrade	Offshore	4	11-May
M20100115 Nov. 10	MMHE	Malaysia	Petronas Carigali	Malaysia	MV7 Through Conduit Gate Valves	2" CL. 2500 Flanged x Hub RF Body WCB/WCC, Trims SS	Manual	-	Kinabalu NAG Development	Offshore	1	11-Apr
M20100114 Nov. 10	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	6" CL. 600 FB RF DBB Low Temp. CS (LF6) Body / SS trims, High Pressure Gas Test	Pneumatic Actuator	Bettis	Devil's Creek Inlet Connection Project	Onshore	7	11-Apr
M20100111 Nov. 10	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	20" CL. 600 FB RF DBB Low Temp. CS (LF6) Body / SS trims, WE with Pup Piece, underground service, stem extension 3.80 m, High Pressure GasTest	Manual	-	Devil's Creek Inlet Connection Project	Onshore	1	11-Apr
M20100107 Oct. 10	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	20" CL. 600 FB RF DBB Low Temp. CS (LF6) / F51 duplex ball, We with 500mm pup pieces, underground service, stem extension 3.80 m, High Pressure Test	Pneumatic Actuator Double Acting	Bettis	Devil's Creek Inlet Connection Project	Onshore	1	11-Apr
M20100105 Oct. 10	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	16" CL. 600 FB RF DBB Low Temp. CS (LF6) Body / F51 Duplex for trims, WE with Pup Piece, underground service, stem extension 3.80 m, High Pressure Test	Manual	-	Devil's Creek Inlet Connection Project	Onshore	1	11-Mar
M20100102 Oct. 10	DBNGP Dampier Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	20" CL. 600 FB RF DBB Low Temp. CS (LF6) underground service, stem extension 3.80 m, High Pressure Test	Manual	-	Devil's Creek Inlet Connection Project	Onshore	1	11-Feb
M20100090 August 10	Global Process Systems	Malaysia	PCPP – Petronas Carigali Petrovietnam Pertamina JV	Malaysia	MV3 Side-Entry Ball Valves	12" CL. 600 RF Body & Trims: CS/SS, Devlon seat insert, NACE Compliant, Sour Service	Manual	-	PCPP MOPU CONVERSION	Offshore	6	Sept. 2010
M20100089 August 10	Pipeline Products Specialty Company	USA	Various	USA	MV3 Side-Entry Ball Valves	3" CL. 2500 FB RTJ Body & Trims CS/ Duplex F51, Devlon seat insert	Manual	-	Stock replenishment	Onshore	10	Aug. 2010
M20100088 August 10	PT KONTROL INDO RAYA	Indonesia	ConocoPhilips	Indonesia	MV3 Side-Entry Ball Valves	2"x1"1/5 CL. 600 RB RF, Body & Trims CS/SS	Manual	-	Replacement / Stock	Onshore	1	10-Nov
M20100087 August 10	CUEL	Thailand	CUEL	Thailand	MV-F Floating Side-Entry Ball Valves	2" x 1"1/2, 1"x3/4", 3"x2" CL. 150 RB RF Body & Trims: CS / SS, Materials acc. To NACE-0175, sour service	Manual	-	CPOC MUDA D WHP	Offshore	8	10-Nov

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20100085 July 10	CUEL	Thailand	CUEL	Thailand	MV-F Floating Side-Entry Ball Valves	2" x 1"1/2, 3/4"x1/2", 2", 3" CL. 150 / 600 FB / RB RF Body & Trims: Full Duplex / CS / SS, Materials acc. To NACE-0175, sour service	Manual	-	CPOC MUDA D WHP	Offshore	13	10-Nov
M20100085 July 10	CUEL	Thailand	CUEL	Thailand	MV3 Side-Entry Ball Valves	2" x 1"1/2, 6", 8"x6", 18" CL. 600 FB / RB RF Body & Trims Full Duplex, ENP on trims, Devlon Seat Inserts, / Body CS, Trims: SS/Duplex + TCC / ENP, Metal-to-metal Seats + TCC, Materials acc. To NACE-0175	Manual	-	CPOC MUDA D WHP	Offshore	6	10-Nov
M20100080 July 10	VE Solutions	Thailand	PTT	Thailand	MV3 Side-Entry Ball Valves	2", 3" Cl. 300 FB RF CS/SS, Sealing Injection Point	Manual	-	PTT Gas Separation Plant "Mix Feed Gas Project"	Onshore	3	10-Oct
M20100074 June 10	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	4", 6" Cl. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Hydraulic/Pneumatic Actuator	Paladon	Pipeline (IS031 and IS019) change of service	Onshore	4	10-Nov
M20100064 June 10	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	4" CL. 600 FB RF, Body & Trims: CS/SS / F51	Manual	-	Valve replacement	Onshore	1	10-Jul
M20100062 May 10	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" CL. 1500 RTJ FB Body & Trims: CS/SS	Hydraulic Actuator	Paladon	Replacement valve	Onshore	6	10-Oct
M20100060 May 10	Punj Lloyd	UAE	GASCO	UAE	MV3 Side-Entry Ball Valves	2", 8", 10", 12", 16", 30", 36", CL. 600 RB RTJ Body & Trims: CS / SS or Inconel 625	Manual	-	Nitrogen Generation and Injection Project Mixed Case (NGI)	Onshore	82	Sept. 2010
M20100060 May 10	Punj Lloyd	UAE	GASCO	UAE	MV-F Floating Side-Entry Ball Valves	1/2", 3/4", 1" CL. 800, 600 RB PE/SW + Pups L=100mm Body & Trims: CS / SS or Inconel 625	Manual	-	Nitrogen Generation and Injection Project Mixed Case (NGI)	Onshore	157	Sept. 2010
M20100059 May 10	Punj Lloyd	Malaysia	Petronas Carigali	Malaysia	MV5 Fully-Welded Ball Valves	36", 36"x30, 16"x12" CL. 600 FB/RB, FW BW, 500mm Pups, Stem Ext. Body & Trims: CS+ENP, Peek Insert	Pneumatic / GOO Actuator	Biffi	Sabah Sarawak Gas Pipeline (400 km)	Onshore	32	11-Mar
M20100059 May 10	Punj Lloyd	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	36"x30, 30"x26", 30", 20", 12"x10", 2"x1.5", CL. 150/600/900 FB/RB, RF, 500mm Pups, Body & Trims: CS+ENP, Peek Insert	Pneumatic / GOO Actuator	Biffi	Sabah Sarawak Gas Pipeline (400 km)	Onshore	49	11-Mar
M20100059 May 10	Punj Lloyd	Malaysia	Petronas Carigali	Malaysia	MV1 Top-Entry Ball Valves	36"x30, 36", 12"x10" CL. 600/900 FB/RB, RF, 500mm Pups, Body & Trims: CS+ENP, Peek Insert	Pneumatic / GOO Actuator	Biffi	Sabah Sarawak Gas Pipeline	Onshore	11	11-Mar
M20100058 May 10	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	3"x2", 4", 4"x3", 6", 6"x4", 8", 8"x6, 10"x8", 12"x10", 14"x12", 18", 18"x16", 20"x18" CL.300 /900 FB / RB, RF/RTJ, Body & Trims: Full SS + ENP, High Pressure Gas Testing	Manual	-	Unjung Pangkah development top up valves	Offshore	23	Aug. 2010
M20100058 May 10	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV-F Floating Side-Entry Ball Valves	3/4", 1", 2", 1.5", 3" CL 150 / 300 / 800 / 1500 FB / RB, RF/ SW/ NPT/ RTJ Body & Trims: Full SS + ENP High Pressure Gas Testing	Manual	-	Unjung Pangkah development top up valves	Offshore	70	Aug. 2010
M20100055 May 10	Emerson	Malaysia	Premier Oil	Vietnam	MV3 Side-Entry Ball Valves	2", 6", CL. 1500 FB/ RB RTJ CS/SS	Manual	-	FPSO BLK 12W DEVELOPMENT	Offshore	20	10-Oct
M20100052 Apr. 10	VSA	Australia	OneSteel	Australia	MV3 Side-Entry Ball Valves	24"x20" CL. 600 RB RF Body & Trims CS/ CS+ENP	Bare Stem	-	Valve replacement	Onshore	1	Sept. 2010
M20100050 Apr. 10	KROHNE Oil & Gas BV (Kellog JV Gorgon)	Malaysia	CHEVRON	Australia	MV3 Side-Entry Ball Valves	16" CL. 300 FB RF Body & Trims: CS/SS	Electric Actuator	Rotork	Gorgon Project (Metering Stations)	Offshore	6	Aug. 2010

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20100044 Apr. 10	Abu Muneer Al-Hashimi Trading LLC	Oman	PDO	Oman	MV3 Side-Entry Ball Valves	16", 18" CL. 150, 300 FB RF Body & Trims: CS / Inconel 625, Shell MESC Spec.	Manual	-	NRPS on plot DWD Header Replacement Project	Onshore	6	Sept. 2010
M20100043 Apr. 10	MSET Engineering Corporation	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5", 2", 3"x2", 3", 4" CL. 150, 900, 1500 FB/ RB RF/RTJ Body: Duplex / CS, Trims: CS+ENP SS	Manual	-	SELIGI & SEMANGKOK: LAUNCHER RECEIVER PACKAGE	Offshore	104	10-Jul
M20100042 Apr.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6"x4" CL.1500 RB RTJ Body & Trims: Full Duplex Stainless Steel F51	Pneumatic Actuator	Paladon	Replacement at Resak Platform	Offshore	1	10-Aug
M20100041 Mar. 10	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	6"x4", 6", 8", 10", CL 150 FB / RB, RF Body & Trims Full SS High Pressure Gas Testing	Manual	-	Ujung Pangkah Developm.	Offshore	18	10-Jul
M20100041 Mar. 10	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV-F Floating Side-Entry Ball Valves	1500 FB / RB, RF / SW/ NPT/ RTJ Body & Trims: CS / SS or Full SS High Pressure Gas Testing	Manual	-	Ujung Pangkah Developm.	Offshore	145	10-Jul
M20100040 Mar. 10	KPN Gas Technology	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	3"x2", 2", 2"x1.5", 2" CL.300, 600, 1500, FB/RB, RF Body CS, Trims: CS+ENP, PEEK	Lever / Actuator	Bettis	SSGP	Onshore	32	10-Jul
M20100040 Mar. 10	KPN Gas Technology	Malaysia	Petronas Carigali	Malaysia	MV-F Floating Side-Entry Ball Valves	3/4", 1/2", 3/4"x1/2", CL. 300, 600, 800, 1500, FB/RB, RF Body CS, Trims: CS+ENP, PEEK	Manual	-	SSGP	Onshore	48	10-Jul
M20100038 Mar.10	Musandum International General Trading	UAE	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	12" CL. 600 FB RF Body: CS, Trims: SS, Stem: Duplex	Manual	-	Replacement	Onshore	1	Apr. 2010
M20100035 Mar.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	4" CL.900 FB GHE Body & Trims: CS / SS	Manual	-	Replacement at Dulang A/B/C Platform	Offshore	5	10-Aug
M20100034 Mar.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	3" CL.600 FB RTJ Body & Trims: CS / SS	Manual	-	Replacement at NOA-240 Facilities	Offshore	2	10-Aug
M20100033 Mar.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	4"x3" CL.900 RB RTJ Body & Trims: CS / SS	manual	-	Replacement at Dulang C Platform	Offshore	2	10-Aug
M20100031 Mar.10	Abu Muneer Al-Hashimi Trading LLC - for Worley Parsons	Oman	PDO	Oman	MV3 Side-Entry Ball Valves	12", 12"x10" CL.300 FB/RB, RF, Body: CS, Trims: Duplex F51. Sour service NACE MR0175, all wetted parts 22% CR DSS and internal fusion Bonding Epoxy (FBE) coating on wetted surfaces. ENP on stem and trunnion, Fugitive Emission Testing, High Pressure Gas Testing, HIC, SSC, UT on all accessible parts.	manual	-	AMIN-C BULK HEADER REPLACEMENT PROJECT	Onshore	7	10-Jul
M20100030 Mar.10	Abu Muneer Al-Hashimi Trading LLC - for Worley Parsons	Oman	PDO	Oman	MV3 Side-Entry Ball Valves	8"x6", 12"x10", 18 CL. 300 FB/RB, RF, Body: CS, Trims: Duplex F51. Sour service NACE MR0175, internal fusion bonding epoxy (FBE) coating on wetted surfaces , ENP on stem and trunnion, Fugitive Emission Testing, High Pressure Gas Testing, HIC, SSC testing acc. to MESC SPE 77/312 and 77/300.	manual	-	NIMR-A-BULK HEADER Replacement Project	Onshore	24	10-Aug
M20100029 Mar.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	10" CL.600 FB RF Double Piston Effect Body & Trims: CS / SS	manual	-	Replacement at Tiong A Platform	Offshore	1	10-Jul
M20100020 Feb.10	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2", 4", 12" CL. 900 / 1500 FB RTJ Body: CS, Trims: SS	Manual	-	ISSD Brownfield Projects	Offshore	29	10-May
M20100020 Feb.10	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV-F Floating Side-Entry Ball Valves	1", 2" CL. 900/150 RF/ RTJ, FB, Body: CS, Trims: SS	Manual	-	ISSD Brownfield Projects	Offshore	3	10-May

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20100017 Feb.10	Perunding Ranhill Worley	Malaysia	Exxonmobil	Malaysia	MV3 Side-Entry Ball Valves	6", 12" CL. 900 / 1500 FB /RB RTJ Materials: Body: Duplex F51 Trims: Duplex F51+TCC, Metal Seated +TCC 150? // Body: CS LF2 / A105 +76? ENP, Trims: CS LF2+76? ENP, Metal-seated+TCC 150?, High Pressure Gas Testing per API 598, PMI	Pneumatic Actuator	Paladon	EMEPMI Seligi & Semangkok Pipeline Replacement Project	Offshore	51	10-May
M20100016 Feb.10	VSA	Australia	BHP Billiton	Australia	MV3 Side-Entry Ball Valves	1.5"x1", 12", CL. 1500 RTJ FB/RB, Body & Trims: SS// CS/SS Metal Seated	Manual	-	Zamana Front & Compression Project	Onshore	12	10-Jun
M20100015 Feb.10	JAJDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2"x1.5" CL. 300 RB RF Body: CS+ENP, Trims: SS	Manual	-	Stock replenishment	Offshore	6	10-Jun
M20100014 Jan.10	Biport Bulkers	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	4" CL. 600 FB RF, Body & Trims: CS/SS	Manual	-	inventory	Onshore	3	Feb. 2010
M20100013 Jan.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	3", CL.1500 FB RTJ Body & Trims: CS / Duplex	Pneumatic Actuator	Paladon	Bekok-C 878183	Offshore	10	Jun. 2010
M20100012 Jan.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2", 3", 4", CL.1500 FB RTJ / RF Body & Trims: CS +3mil ENP, CS/SS NACE MR-0175 / Full Duplex Metal-seated TCC 150?	Manual	-	Bekok-A 902871	Offshore	10	May-10
M20100009 Jan. 10	JAJDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	12", 20" CL. 900, 1500 FB, Grayloc Hub, Body & Trims: CS/SS NACE MR-0175	Pneumatic / Hydraulic Actuator	Paladon	Phase III Pipeline Debottlenecking Project.	Offshore	7	Jun. 2010
M20100007 Jan. 10	SBM Offshore Group	Malaysia	Gulf Piping Co.	UAE	MV3 Side-Entry Ball Valves	4" CL 150 FB RF	Manual	-	HI39431 - MOPU ENCANA DEEP PANUKE CANADA	Offshore	1	Feb. 2010
M20100006 Jan. 10	JAJDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	6" CL. 1500 FB, RTJ, Body & Trims CS/SS NACE MR-0175	Hydraulic Actuator	Paladon	Replacement	Offshore	3	May-10
M20100005 Jan. 10	Roto Meca Resources	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	12" CL. 150, FB RF Body & Trims: CS + ENP	Bare Stem	-	GPP1-A Firewater Service.	Onshore	2	May-10
M20100003 Jan.10	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	14"x12", CL.900 RB RJ Body & Trims: CS / Duplex	Bare Stem	-	Replacement at Dulang Shutdown	Offshore	1	May-10
M20100002 Jan.10	VSA	Australia	BHP Billiton	Pakistan	MV3 Side-Entry Ball Valves	4", CL.150 FB RF Body & Trims: CS / SS / Duplex Stem	Manual	-		Onshore	4	Jan. 2010
M20100001 Jan.10	Neptune Asia Engineering Services	Malaysia	SeaDrill	Indonesia	MV3 Side-Entry Ball Valves	4", 6" CL. 300 RTJ Body CS / Trims CS + 3 mm ENP rPTFE	Manual	-	W. Aquarius Platform	Offshore	2	Jan. 2010
M20090133 Dec. 09	MISI SETIA OIL&GAS	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	2", 3" CL. 600 RF Body CS, Trims SS	Gas Over Oil Actuator	Paladon	ABV for Kertih & Gambang	Onshore	2	Apr. 2010
M20090128 Dec. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	28"CL.900 FB RTJ Body & Trims: Low Temperature CS + Inconel 625 + ENP, Metal Seated+ TCC	Pneumatic Actuator	Paladon	Tapis B Platform	Offshore	1	Apr. 2010
M20090126 Dec. 09	Pan Alliance Technology	Singapore	Power Gas	Singapore	MV5 Fully-Welded Ball Valves	12", CL.600 FB BW with Pup piece Gear operated with Stem Extension 1.2m and 2"by-pass Body & Trims: Full CS + 1mil ENP	Manual	-	SOXAL Gas Pipeline	Onshore	1	Apr. 2010
M20090124 Dec. 09	Abu Muneer Al-Hashimi Trading LLC	Oman	PDO	Oman	MV3 Side-Entry Ball Valves	20"x16", 24"x20" CL.300 RB RF Body & Trims: CS+625 Alloy Overlay	Manual	-	Early Tie-in for Nimir DWD Site 1,2,3,4 and NRPS	Onshore	6	Apr. 2010
M20090123 Dec. 09	SBM Offshore Group	Malaysia	Encana	Canada	MV3 Side-Entry Ball Valves	2" CL. 2500 RTJ Body & Trims SS, Peek Lip Seals, Firetest	Manual	-	MOPU Encana Deep Panuke Canada	Offshore	4	Mar. 2010

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20090122 Dec. 09	MISI SETIA OIL&GAS	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	3" CL. 600 RF Body CS, Trims SS	Gas Over Oil Actuator	Paladon	ABV for Tronoh NGV	Onshore	1	Apr. 2010
M20090121 Dec. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5, CL. 1500 RB RTJ Body & Trims: CS/SS	Manual	-	Tapis B Platform	Offshore	1	Mar. 2010
M20090120 Dec. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV1 Top-Entry Ball Valves	4"x3" CL.600 RB BW Body & Trims: CS+ENP	Manual	-	Tapis B Platform	Offshore	1	May. 2010
M20090119 Dec. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	16"CL.600 FB RF Body & Trims: CS+ENP 2"x1.5, CL. 2500 RB RTJ Gear Body & Trims CS/SS	Hydraulic Actuator	Schaefer	Tapis B Platform	Offshore	5	May. 2010
M20090117 Dec. 09	PT Gunanusa Utama Fabricators	Indonesia	HESS	Indonesia	MV-F Floating Side-Entry Ball Valves	3/4", 2", 3" CL. 150, 300, 1500, FB RF / RTJ Body & Trims CS/SS	Manual	-	Ujung Pangkah CPP Project	Offshore	23	Apr. 2010
M20090117 Dec. 09	PT Gunanusa Utama Fabricators	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	4", 3" CL.600, 900 FB/RB RF/RTJ Body & Trims CS/SS	Manual	-	Ujung Pangkah CPP Project	Offshore		
M20090116 Dec. 09	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2"x1 1/2", 8" CL. 300/ 600 FB/ RB RF Body & Trims: CS / SS	Pneumatic Actuator	Paladon	Replacement	Offshore	2	Apr. 2010
M20090115 Dec. 09	VSA	Australia	APA	Australia	MV3 Side-Entry Ball Valves	12" CL.600 FB RF Body & Trims: CS	Pneumatic Actuator	Rotork	Sprinhurst Flow Reversal Upgrade	Onshore	2	Apr. 2010
M20090114 Dec. 09	Petronas Carigali	Malaysia	PMO- Petronas Pensinsular Malaysia	Malaysia	MV3 Side-Entry Ball Valves	8", CL.900 FB RTJ, Body & Trims: Low Temperature CS	Manual	-	Penara & North Lukut	Offshore	1	Apr. 2010
M20090113 Dec. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	4", 4"x3", CL.1500 FB/RB GHE/RTJ, Body & Trims: CS / Low Temperature CS	Pneumatic Actuator	Paladon	Tapis B Platform	Offshore	17	Mar. 2010
M20090112 Dec. 09	PETROJET	Egypt	PDO	Oman	MV-F Floating Side-Entry Ball Valves	3/4"x1/2", 2"x1"1/2 CL. 150, 600 RB RF Body: CS Trims: SS Testing acc. to all Shell MESC Specs. (Fugitive Emission Testing, High-Pressure Gas Testing etc)	Manual	-	DD Hubara to Marmul & Harweel to Marmul Pipelines	Onshore	27	Feb. 2009
M20090112 Dec. 09	PETROJET	Egypt	PDO	Oman	MV3 Side-Entry Ball Valves	3"x2", 4"x3", 6"x4", 8"x6", 10"x8", 16"x14", 16" CL. 600 FB / RB RF Body: Cast CS Trims: SS Testing acc. to all Shell MESC Specs. (Fugitive Emission Testing, High-Pressure Gas Testing)	Manual	-	DD Hubara to Marmul & Harweel to Marmul Pipelines	Onshore		
M20090109 Nov. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	4", 12"x10", CL.1500, FB/RB, GHE/RTJ, Body & Trims: Low Temp. CS	Manual	-	Tapis B Platform	Offshore	15	Feb. 2010
M20090106 Nov. 09	SBM Offshore Group	Malaysia	Encana	Canada	MV3 Side-Entry Ball Valves	2", 8", 14" CL.150 / 600 / 1500, FB, RF/ RTJ, Lever Lip-seals Sour Service Body & Trims: Full SS and CS/SS, Fugitive Emission Testing	manual	-	MOPU Encana Deep Panuke Canada	Offshore	6	Feb. 2010
M20090105 Nov. 09	MOV Teknik	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	4" CL.900, FB, RTJ, Body & Trims: CS / Duplex F51	manual	in service with Rotork el. Act.	Terrengganu Oil and Gas Terminal	Onshore	6	Nov. 2009
M20090103 Nov. 09	VE Solutions	Thailand	CHEVRON	Thailand	MV3 Side-Entry Ball Valves	10" CL. 1500 FB RTJ	manual	-		Offshore		Jan. 2010
M20090102 Nov. 09	Kencana HL	Malaysia	Newfield	Malaysia	MV-F Floating Side-Entry Ball Valves	3/4", 1/2" CL. 150, 900 FB RTJ Body & Trims: CS/SS	manual	-	Jacket and Topside for West Belumut Wellhead Platform		17	Jan. 2010
M20090101 Nov. 09	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2", 6" CL. 900 FB RF Body & Trims: Full Duplex F51	Pneumatic Actuator	Paladon	Replacem. Resak Platform	Onshore	3	Feb. 2010
M20090100 Nov. 09	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	6"x4" CL. 1500 RB RTJ Metal-seated +100 ?m TCC Body & Trims: A105N	manual	-		Offshore	8	Feb. 2010

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20090099	ExxonMobil	Malaysia	ExxonMobil	Malaysia	MV3 Side-Entry Ball Valves	16" CL. 1500 FB RTJ Body & Trims: A350 LF2	Pneumatic Actuator	Paladon		Offshore	1	Feb. 2010
M20090098	Petronas Gas	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	10" CL. 300 FB Double Piston Effect Body & Trims: A105+ENP	Manual	-	General Pipeline Construct.	Onshore	3	Jan. 2010
M20090097	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6" CL. 900 FB RF Body & Trims: Full duplex F51	Manual	-	Replacem. at Resak platform	Offshore	1	Feb. 2010
M20090096	VSA	Australia	Western Energy	Australia	MV3 Side-Entry Ball Valves	6" CL. 600 FB RF Body & Trims: CS	Pneumatic Actuator	Bettis	CS10 Meter Station	Onshore	1	Feb. 2010
M20090093	PETRONAS CARIGALI	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	3" CL. 900 FB RF Body & Trims: CS	Manual	-	Replacem. Pulau A Platform	Offshore	3	Feb. 2010
M20090091	VSA	Australia	Western Energy	Australia	MV3 Side-Entry Ball Valves	8"x6", 6"x4", 4"x3" CL. 600 RB Body & Trims: CS/SS	Manual	-	CS10 Meter Station	Onshore	30	Jan. 2010
M20090091	VSA	Australia	Western Energy	Australia	MV-F Floating Side-Entry Ball Valves	3/4", 1", 2"x1"1/2 CL. 600 RB/FB Body & Trims: CS/SS	Manual	-	CS10 Meter Station	Onshore		Jan. 2010
M20090090	VSA	Australia	OneSteel	Australia	MV3 Side-Entry Ball Valves	24"x20" CL. 600 RB Body & Trims: CS	Bare Stem	-	Valve replacement	Onshore	1	Jan. 2010
M20090089	TRANSKRAFT	Malaysia	ZhaikMunai	Kazakhstan	MV3 Side-Entry Ball Valves	4" CL. 600 FB Bore diameter 102.2 mm Body & Trims: CS	Bare Stem	-	Gas Metering Skid	Onshore	4	Jan. 2010
M20090088	KENCANA HL	Malaysia	Newfield	Malaysia	MV3 Side-Entry Ball Valves	2" x 1"1/2 CL. 1500 RB RTJ Body: CS Trims: SS	Pneumatic Actuator	Bettis	PCC of Jacket and Topside for West Belumut Wellhead Plat.	Offshore	3	Feb. 2010
M20090087	VSA	Australia	APA	Australia	MV3 Side-Entry Ball Valves	4"x3", 10"x8", 12"x10", 18"x16 CL. 300, 600 FB/RB, RF Lever/ Gear Body & Trims: CS	Pneumatic Actuator	Bettis	Wollert Compression Station Upgrade	Onshore	20	Feb. 2010
M20090084	TALISMAN	Malaysia	Talisman	Malaysia	MV3 Side-Entry Ball Valves	6" CL. 600 FB RF, Body & Trims: CS/SS	Manual	-	Seat material upgrade to PEEK	Offshore	4	Oct. 2009
M20090083	Sime Darby	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	4" CL. 600 RF Body & Trims: Full SS	Manual	-	Kumang Cluster KAKG-A-CPP Platform	Offshore	5	Nov. 2009
M20090081	VSA	Australia	Western Energy	Australia	MV3 Side-Entry Ball Valves	3"x2"CL. 600 RF Body: CS Trims: SS	Manual	-	Mandurah Gas Lateral	Onshore	4	Jan. 2010
M20090081	VSA	Australia	Western Energy	Australia	MV-F Floating Side-Entry Ball Valves	3/4" CL. 600, SW + pups, Body & Trims: CS/SS	Manual	-	Mandurah Gas Lateral	Onshore		Jan. 2010
M20090080	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	4"x3", 6", 6"x4", 8", 8"x6, CL 150 600 / 900 FB / RB, RF/RTJ Body & Trims: CS / SS, Full SS, Full Al.Br. High Pressure Gas Testing	Manual	-	Ujung Pangkah Developm.	Offshore	303	Mar. 2010
M20090079	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV-F Floating Side-Entry Ball Valves	3/4", 1/2", 1", 1.5", 2", 2"x1.5", 3", 3"x2", CL 150 / 300 / 600 / 800 / 1500 FB / RB, RF/ SW/ NPT/ RTJ Body & Trims: CS / SS, Full SS, Full Al.Br. High Pressure Gas Testing	Manual	-	Ujung Pangkah Developm.	Offshore		Mar. 2010
M20090076	Kencana HL	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2", 2" x1.5", 12" CL. 150/900/2500 RF Body & Trims: CS/SS, Full SS	Manual	-	Kinabalu Drilling Jacket Platform (KNJT-C)	Offshore	298	Jan. 2010
M20090076	Kencana HL	Malaysia	Petronas Carigali	Malaysia	MV-F Floating Side-Entry Ball Valves	3/4", 1", 1.5", 2", 3", 4" CL. 150, RF/NPT, Body & Trims: CS	Manual	-	Kinabalu Drilling Jacket Platform (KNJT-C)	Offshore		Jan. 2010
M20090075	Matco	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2" x 1".5 CL. 900 RF Body & Trims: Full Duplex F51 2" x 1".5 CL. 150, 900 RF Body & Trims: Full Stainless Steel F316	Manual	-	Kinabalu Nag Developm.(KNJT-C)	Offshore	5	Jan. 2010
M20090074	Bunbury Natural Gas Pipeline (via VSA)	Australia	DBNGP Dampier Bunbury Natural Gas Pipeline	Australia	MV3 Side-Entry Ball Valves	12" CL. 600 BW x RF+ pups Body & Trims: CS / SS	Manual	-	Replacem.	Onshore	2	Oct. 2010

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20090067 Aug. 09	PETRONAS Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6" CL. 900 RTJ Body: CS Trims: 17-PH	Pneumatic Actuator	Paladon	Dulang Platform	Offshore	2	Dec. 2009
M20090063 Aug. 09	V.E. SOLUTIONS	Thailand	CHEVRON	Thailand	MV-F Floating Side-Entry Ball Valves	2" CL. 300 FF Body: Bronze C95500, Trims: RPTFE	Manual	-	PLOCCP2 Deluge Piping Multicyclone Separator	Offshore	4	Nov. 2009
M20090061 Jul. 09	KENCANA HL	Malaysia	Newfield	Malaysia	MV3 Side-Entry Ball Valves	2, 4", 10", CL. 150 / 300 / 600 / 900 FB RF/RTJ Body : CS Trims: CS, SS	Pneumatic Actuator	Bettis	PCC of Jacket and Topside for West Belumat Wellhead Platform	Offshore	18	Dec. 2009
M20090061 Jul. 09	KENCANA HL	Malaysia	Newfield	Malaysia	MV-F Floating Side-Entry Ball Valves	1" CL 150 FB RF Body & Trims: Cast CS A216	Pneumatic Actuator	Bettis	PCC of Jacket and Topside for West Belumat Wellhead Platform	Offshore		
M20090059 Jul. 09	VSA	Australia	Woodside	Australia	MV3 Side-Entry Ball Valves	4" CL. 900 FB RF Body: A350 LF2 / Trims: LF2+ENP/ 17-4PH High-Pressure Gas Testing	Manual	-	Qualification Testing Approval	Onshore	1	Nov. 2009
M20090058 Jul. 09	PETROJET	Egypt	PDO	Oman	MV-F Floating Side-Entry Ball Valves	3/4"x1/2", 2"x1"1/2 CL. 150, 600 RB RF Body: CS Trims: SS Testing acc. to all Shell MESC Specs. (Fugitive Emission Testing, High-Pressure Gas Testing etc)	Manual	-	DD Hubara to Marmul & Harweel to Marmul Pipelines	Onshore	185	Nov. 2009
M20090058 Jul. 09	PETROJET	Egypt	PDO	Oman	MV3 Side-Entry Ball Valves	3"x2", 4"x3", 6"x4", 8"x6", 10"x8", 16"x14", 16" CL. 600 FB / RB RF Body: Cast CS Trims: SS Testing acc. to all Shell MESC Specs. (Fugitive Emission Testing, High-Pressure Gas Testing etc)	Manual	-	DD Hubara to Marmul & Harweel to Marmul Pipelines	Onshore		
M20090056 Jul. 09	PETROJET	Egypt	PDO	Oman	MV1 Top-Entry Ball Valves	6", 8", 10", 16", 18" CL. 600 FB RF 2.7 m stem extension Body: Cast CS Trims: SS Testing acc. to all Shell MESC Specs. (Fugitive Emission Testing, High-Pressure Gas Testing etc)	Hydraulic Actuator	Bettis	DD Hubara to Marmul & Harweel to Marmul Pipelines	Onshore	34	Jan. 2010
M20090049 Jun. 09	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	3", 3"x2", 4", 4"x3", 6", 6"x4", 8", 8"x6, 10"x8", 12"x10", 14"x12", 18", 18"x16", 20"x18" CL 150 / 300 / 600 / 900 / 1500 FB / RB, RF/RTJ, Body & Trims: CS / SS or Full SS High Pressure Gas Testing	manual	-	Ujung Pangkah Developm.	Offshore	565	Nov. 2009
M20090049 Jun. 09	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV-F Floating Side-Entry Ball Valves	3/4", 1", 2", 2"x1.5", 3", 3"x2", 4", 4"x3" CL 150 / 300 / 600 / 800 / 1500 FB / RB, RF/ SW/ NPT/ RTJ Body & Trims: CS / SS or Full SS High Pressure Gas Testing	manual	-	Ujung Pangkah Developm.	Offshore		
M20090047 Jun. 09	V.E. SOLUTIONS	Thailand	CHEVRON	Thailand	MV3 Side-Entry Ball Valves	2" x 1.5", 3"x2", 3", 4"x3 CL. 150 RF, FB /RB, Metal Seated +TCC Full solid A182 F51 Duplex	manual	-	Funan BTEX Removal Project	Offshore	10	Sept. 2009
M20090046 Jun. 09	VSA	Australia	EPIC Energy	Australia	MV-F Floating Side-Entry Ball Valves	1" x 3/4", 2"x 1.5" CL.600 RF Trims: A216 WCB / A105	manual	-	Gas Pipeline Supply to Horizon Power Station Karratha	Onshore	7	Sept. 2009
M20090045 Jun. 09	V.E. SOLUTIONS	Thailand	CHEVRON	Thailand	MV3 Side-Entry Ball Valves	3" CL 150 RF FB Metal-seated + TCC Full solid A182 F51 Duplex	Bare Stem	-	Funan BTEX Removal Project	Offshore	2	Sept. 2009
M20090043 Jun. 09	VALSER ENGINEERING	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5", 16"x14", 24"x22", 30"x28" 28", 36" CL. 900 FB/RB RF Body: A350 LF2 Trims: 17-4 PH / F316 Fugitive Emission Testing MESC spec. 77/312	Bare Stem	-	Kumang Tie-In Project	Offshore	15	Nov. 2009
M20090042 Jun. 09	VALSER ENGINEERING	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	2"x1.5", 3"x2", 8"x6, 16"x14", 18" CL. 150 / 900 FB/RB RF Body: A350 LF2 / Trims: 17-4 PH/ F316 / F51	Bare Stem	-	Kinabalu NAG Developm. (KNJT-C)	Offshore	11	Nov. 2009
M20090040 Jun. 09	V.E. SOLUTIONS	Thailand	CHEVRON	Thailand	MV3 Side-Entry Ball Valves	2"x 1.5", 3"x2", 3", 4"x3", 6"x4" CL. 150 RB/RB RF Metal-seated + TCC Full solid A182 F51 Duplex	Manual	-	Replacem. Valves in Gas service for Satun BTEX Platform	Offshore	9	Oct. 2009

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20090037 Jun. 09	PETRONAS CARIGALI	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	18" CL.900 RTJ Body & Trims: CS A105 12" CL.600 RF Gear Body & Trims: A350 LF2	Electric Actuator	Rotork		Offshore	3	Aug. 2009
M20090035 May. 09	VSA	Australia	TRUenergy Victoria	Australia	MV3 Side-Entry Ball Valves	4", 6" x 4", 14" x 12", 8" x 6", 10" x 8", 3" x 2" CL. 300, 600, 900, 1500 FB, RB, RF, Lip Seals + Peek Insert Body: CS, SS Trims: SS	Manual	-	Iona Gas Plant Underground Gas Storage	Onshore	26	Aug. 2009
M20090033 May. 09	KENCANA HL	Malaysia	Petronas Carigali	Malaysia	MV-F Floating Side-Entry Ball Valves	4" CL. 150 RF Body & Trims: SS F316	Manual	-	Dulang Field Gas Capacity Enhancement Project	Offshore	4	Jul. 2009
M20090032 Apr. 09	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV3 Side-Entry Ball Valves	16"x14", 6"x4", 12"x10", 8" CL 900 RTJ Body / Trims: A105N / F316	Manual	-	Ujung Pangkah Developm.	Offshore	84	Aug. 2009
M20090032 Apr. 09	PT GUNANUSA UTAMA FABRICATORS	Indonesia	HESS	Indonesia	MV-F Floating Side-Entry Ball Valves	2", 1", ¾", CL 150, 800, 1500 Body / Trims: A105N / F316	Manual	-	Ujung Pangkah Developm.	Offshore		
M20090030 Apr. 09	PETRONAS CARIGALI	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6"x4" CL. 1500 RF Full DUPLEX F51	Pneumatic Actuator	Paladon	Replacement at RESAK	Offshore	5	Aug. 2009
M20090029 Apr. 09	VSA	Australia	EPIC Energy Eng.Consult.: Worley Parsons	Australia	MV-F Floating Side-Entry Ball Valves	¾"x½", 1"x¾" CL.600 RF Trims: A216 WCB / A105	Manual	-	Gas Pipeline Supply to Horizon Power Station Karratha	Onshore	61	July 2009
M20090029 Apr. 09	VSA	Australia	EPIC Energy Eng.Consult.: Worley Parsons	Australia	MV3 Side-Entry Ball Valves	3"x2", 4"x3", 6"x4", 2" x 1 ½", 6"x4", 8"x6" CL. 600 RF & RF-WE+Pups Trims: A105 / A182 F316	Manual	-	Gas Pipeline Supply to Horizon Power Station Karratha	Onshore		
M20090028 Apr. 09	EMERSON Process Management Asia Pacific PTL	Singapore	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	10", 8" CL. 600 RF Gear & Trims: A105+ENP, Nylon	Gas Over Oil Actuator	Paladon	PFK Gas Metering upgrading	Onshore	20	Jul. 2009
M20090028 Apr. 09	EMERSON Process Management Asia Pacific PTL	Singapore	Petronas Gas Berhad	Malaysia	MV-F Floating Side-Entry Ball Valves	1" CL.600 RF Lever Trims: A105+ENP, Nylon	Manual	-	PFK Gas Metering upgrading	Onshore		
M20090027 Mar. 09	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	16" CL. 900 RF Trims: 17-4 PH, NYLON PA12	Manual	-	Resak Central Process Platform	Offshore	2	Jul. 2009
M20090025 Mar. 09	DRESSER	USA	Dresser	USA	MV3 Side-Entry Ball Valves	6" CL.300 RF, Double Piston Effect, Trims: SS F316, NACE MR-0175	Bare Stem	-	Gas Skids	Onshore	1	Jun. 2009
M20090023 Mar. 09	KROHNE Oil & Gas BV	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	Gr.630 Fugitive Emission Testing acc. to MESC-77/312 PMI test on SS parts NACE MR-0175 compliance	Electric Actuator	Rotork	Kumbang and Tangga Barat Cluster Metering Project	Offshore	46	Jun. 2009
M20090021 Mar. 09	JDAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	6" & 2" CL. 1500 RTJ Trims: A-105+ENP, PTFE	Manual	-	Valve Replacem.	Offshore	8	Jul. 2009
M20090017 Feb. 09	CRESCENT PETROLEUM INTERNATIONAL & DANAGAS	UAE	Crescent Petroleum	UAE	MV3 Side-Entry Ball Valves	6" CL.600 & 8"CL.150 & 300 RFTrims: A182 F316, RPTFE Viton	Pneumatic Actuator	Paladon	Khor-Mor LPG Recovery Plant	Onshore	13	Jun. 2009
M20090016 Jan. 09	GALFAR ENGINEERING & CONTRACTING	UAE	ADCO	UAE	MV3 Side-Entry Ball Valves	2", 3", 6" CL. 150 RF FB Body A105N / Trim F316L Sour and Non-Sour Service; 2", 3" CL. 300 RF FB Body A105N / Trim F51 Sour Service; MESC Spec. 17/312; Fugitive Emission Testing	Manual	-	EPC for closed drain system for old RDS's 1-5 at BAB Area	Onshore	332	May. 2009

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20090016 Jan. 09	GALFAR ENGINEERING & CONTRACTING	UAE	ADCO	UAE	MV-F Floating Side-Entry Ball Valves	¾", 1" CL. 150 / 300 RF FB Body A105N / Trim F316 Sour Service ¾", 1" 1/2, 1" CL. 300 RF FB Body A105N / Trim F51 Sour Service; ¾", 1" CL. 300 RF FB Body A105N / Trim F316 & F316 Sour & Non-Sour Service; MESC Spec. 17/312; Fugitive Emission Testing	Manual	-	EPC for closed drain system for old RDS's 1-5 at BAB Area	Onshore		
M20090015 Jan. 09	PORT ENTERPRISE	Singapore	PT APOL CEMERLANG FPSO	Indonesia	MV3 Side-Entry Ball Valves	6" & 12" CL. 150 RF Trims: A182 F316L / PTFE	Hydraulic Actuator	Paladon	FSO URWASI Keppel Shipyard Benoi, Singapore	Offshore	3	Jun. 2009
M20090014 Jan. 09	CRESCENT PETROLEUM INTERNATIONAL	UAE	Crescent Petroleum	UAE	MV-F Floating Side-Entry Ball Valves	1" CL. 600 BW+100 mm Nipple x RF, Trims: A105 / A105+ENP Trims: A105 / A105+ENP PMI on machined sealing surgace X-RAY testing	Manual	-	KHOR MOR-CHEMICAL LIQUIDS PIPELINE 64 KM	Onshore	32	Jun. 2009
M20090010 Jan. 09	PT BERNAMAS	Indonesia	Petrochina	Indonesia	MV3 Side-Entry Ball Valves	4" CL.600 RF, TCC Overlay NACE MR-0175 compliance	Manual	-	Trial Test Valve in Flowline Application	Offshore	1	Apr. 2009
M20090008 Jan. 09	CRESCENT PETROLEUM INTERNATIONAL	UAE	Crescent Petroleum	UAE	MV3 Side-Entry Ball Valves	8" CL.600 WE+pup pieces + 2.4m stem ext. 4", 2" CL 600 RF Gear / Lever, Body & Trim: CS	Gas Over Oil Actuator	Biffi	KHOR MOR to CHEMICAL LIQUIDS PIPELINE 64 KM	Onshore	66	Apr. 2009
M20090007 Jan. 09	PETRONAS CARIGALI PAKISTAN	Pakistan	Petronas Carigali Pakistan	Pakistan	MV3 Side-Entry Ball Valves	10" CL. 150 FB RF Body: A216WCB / Trim: 13%CR; 8" CL. 900 FB/RB RF Body: A216WCB Inconel 625 Weld Overlay on Wetted Parts Trim: SS316L; 6" CL. 2500 FB RTJ Body/Trim: 22% CR Duplex Seat Ring Long Pattern; 4" CL. 900 FB RTJ Body/Trim: 22% CR Duplex Seat Ring Long Pattern	Manual	-	SAQIB-1A TIE-IN PROJECT, Pakistan	Onshore	25	Jun. 2009
M20090007 Jan. 09	PETRONAS CARIGALI PAKISTAN	Pakistan	Petronas Carigali Pakistan	Pakistan	MV-F Floating Side-Entry Ball Valves	3/4" CL. 2500 FB RTJ Body/Trim: 22% CR Duplex Seat Ring Long Pattern	Manual	-	SAQIB-1A TIE-IN PROJECT, Pakistan	Onshore		
M20090006 Jan. 09	INE TECHNOLOGIES	Malaysia	PCPP – Petronas Carigali Petrovietnam Pertamina JV	Malaysia	MV3 Side-Entry Ball Valves	10"x8", 10" CL.600 FB/RB RF Body: A105N / Trims F316 Metal seated FE Testing (MESC SPE 77/312)	Electric Actuator	Rotork	GPS M389 PCPP DANA MOPU	Onshore	4	May. 2009
M20090003 Jan. 09	PETRONAS CARIGALI	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	6" CL. 900 RTJ FB Body: A105 / Trims: 17-4PH	Bare Stem	-	Dulang B Platform	Offshore	1	May. 2009
M20080034 Dec. 08	JAIDAH MOTORS	Qatar	Occidental Petroleum of Qatar	Qatar	MV3 Side-Entry Ball Valves	2" CL. 1500 RTJ FB With seat sealant injection points Body A350 LF2 / Ball/Seat F316	Hydraulic Actuator	Paladon	Valve Replacement	Onshore	1	May. 2009
M20080032 Dec. 08	BRODIE METER	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	4", 10" CL. 300 RF FB Body A105/ Ball/Seat A105+ENP	Pneumatic Actuator	Paladon	PCC for improv. & modif. of IPF at GPP B, Tok Arun Terengganu	Onshore	4	Mar. 2009
M20080031 Dec. 08	DESCON ENGINEERING	Pakistan	Petronas Gas Berhad	UAE	MV3 Side-Entry Ball Valves	2" CL. 150 RF FB Body A105 / Ball/Seat F316; 3" CL. 150 RF FB Body F304 / Ball/Seat F316	Pneumatic Actuator	Paladon	Fertil Urea Debottleneck. Project	Onshore	3	Apr. 2009
M20080029 Nov. 08	M3Nergy	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	8", 24" CL.150 RF FB Body & Trims: CS	Hydraulic Actuator	Paladon	CPOC FPSO B-17 Development	Offshore	2	Apr. 2009
M20080028 Nov. 08	Kencana HL	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	1"~6" CL.150/300/600/900 FB/RB, RF/RTJ, MESC spec. 77/312 FE & low temperature testing	Manual	-	Dulang Platform (Upgrade)	Offshore	52	Mar. 2009
M20080028 Nov. 08	Kencana HL	Malaysia	Petronas Gas Berhad	Malaysia	MV-F Floating Side-Entry Ball Valves	1"~6" CL.150/300/600/900 FB/RB, RF/RTJ, MESC spec. 77/312 FE & low temperature testing	Manual	-	Dulang Platform (Upgrade)	Offshore		

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MIR JOB NO.	CUSTOMER	CUSTOMER COUNTRY	END-USER	END-USER COUNTRY	PRODUCT MODEL	PRODUCT FEATURES	OPERATION	ACTUATOR BRAND	PROJECT	LOCATION	QTY	DELIVERY
M20080027	Petronas Carigali	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	12" CL. 900 RTJ, FB	Manual	-	Dulang B Platform	Offshore	1	Apr. 2009
M20080026	Petronas Carigali	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	8" CL. 900 RTJ, FB, Body: CS / Trims: SS	Manual	-	Bekok C Platform	Offshore	1	Apr. 2009
M20080025	PENAGA DRESSER	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	10", 12", 14", 16" CL. 150, RF, CS	Pneumatic Actuator	Paladon	H2S Detection & Interlock at Amine Overhead	Offshore	4	Feb. 2009
M20080024	Petronas Carigali	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	12" CL. 900 RTJ, FB, Body/Trim Carbon Steel + ENP	Manual	-	Duyong LQ Platform	Offshore	1	Mar. 2009
M20080023	Petronas Carigali	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	10" CL. 1500 RTJ, FB, Soft-seated Body : CS + ENP/ Trim: SS 316 Service: Sour Gas	Manual	-	Bekok A Platform PCSB-PMO	Offshore	1	Mar. 2009
M20080022	VSA	Australia	Petronas Gas Berhad	Pakistan	MV3 Side-Entry Ball Valves	8"CL. 1500 RTJ, metal seated + TCC 17-4 STEM/F316 trims	Manual	-	Zamana Phase 2 HCV Development	Onshore	3	Jan. 2009
M20080019	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	10" CL. 300, RF, FB CS/SS 316 / Viton	Manual	-	Dulang Platform	Offshore	2	Jan. 2009
M20080018	LEIGHTON CONTRACTORS	Malaysia	Ceylon Petroleum Storage Terminals	Sri Lanka	MV3-SS Subsea Ball Valves	8", 16", 18" CL. 300 RTJ FB Body: Carbon Steel LF2, Trims: F51 Duplex	Manual	-	Sri Lanka Muthurajawela	33m depth , Subsea	5	Dec. 2008
M20080018	LEIGHTON CONTRACTORS	Malaysia	Ceylon Petroleum Storage Terminals	Sri Lanka	MV3 Side-Entry Ball Valves	18" CL. 150 RF FB	Manual	-	Sri Lanka Muthurajawela	Subsea		
M20080017	ENGRO CHEMICAL	Pakistan	ENGRO Chemical	Pakistan	MV3 Side-Entry Ball Valves	8", 18" CL. 600 RF	Electric Actuator	Limitorque	ECPL DAHARKI Site Gas Expansion	Onshore	2	Feb. 2009
M20080016	VALVETECH	Australia	SANTOS	Australia	MV3 Side-Entry Ball Valves	2" CL. 600, 6" Cl. 900 RF FB Lever	Manual	-	Gas Pipelines	Onshore	30	Nov. 2008
M20080012	GASCO	Australia	Mt. Newman	Australia	MV3 Side-Entry Ball Valves	3" , 4" , 6" , CL. 600 RF lever / BS	Manual	-	Gas Fired Power Plant Compression Module	Onshore	13	Oct. 2008
M20080011	VICCHI ENGINEERING	Thailand	PTT	Thailand	MV3 Side-Entry Ball Valves	8" CL. 150 RF	Manual	-	Gas Distribution Station	Onshore	2	Oct. 2008
M20080009	Petronas Carigali	Malaysia	Petronas Carigali	Malaysia	MV3 Side-Entry Ball Valves	8" CL. 900 RTJ	Pneumatic Actuator	Paladon	Dulang B Platform	Offshore	1	Oct. 2008
M20080006	DIVERSIFIED ENGINEERING & CONSTRUCTION	Malaysia	Petronas Gas Berhad	Malaysia	MV3 Side-Entry Ball Valves	10" CL. 600	Gas Over Oil Actuator	Paladon	Upgrading Prai City Gate Station	Onshore	1	Jul. 2008
M20080004	PETRONAS CARIGALI	Malaysia	PETRONAS CARIGALI	Malaysia	MV3 Side-Entry Ball Valves	4" CL. 900 Full Bore, RTJ	Pneumatic Actuator	Paladon	Pulai – A	Offshore	1	Oct. 2008
M20080002	SCORE	UK	Various	International	MV3 Side-Entry Ball Valves	6", 8", 10", 12", 16" CL. 600 Trims: F316 / Stem: Duplex F51	Manual	-	Inventory	Onshore/Offshore	65	Oct. 2008
INTERNAL JOB	MIR VALVE	Malaysia	Various	Malaysia	MV3 Side-Entry Ball Valves	36" CL. 600 RF/FE FB CS Trims, Soft-Seated	Manual	-	Qualification Testing approval	Onshore/Offshore	1	Jul. 2009
INTERNAL JOB	MIR VALVE	Malaysia	Various		MV3 Side-Entry Ball Valves	2", 3", 4" CL. 150/ 300/600 RF FB, Body A350 LF2 / Ball/Seat F316; 2", 3", 4" CL. 900 / 1500/2500 RTJ FB Body A350 LF2 / Ball/Seat F51; 6", 8", 10", 12", 16" CL. 600 RF FB, Body A350 LF2 / Ball/Seat F316	Manual	-	Inventory	Onshore/Offshore	285	Jun. 2009