

## REFERENCE LIST

YEAR	CLIENT	COUNTRY	PROJECT	TYPE OF VALVE	MATERIAL	SIZE	RATING	QUANTITY
2017	PETRONAS CARIGALI	Malaysia		Wafer Check Valve	ASTM A182 F316L	2 in & 3 in	ASME CL 900	4 Nos
2017	SAPURA KENCANA HL	Malaysia	Tapis - R Shutdown	Butterfly Valve	ASTM B148 C95800	12 in	ASME CL 150	2 Nos
2017	EQ PETROLEUM PRODUCTION	Malaysia		Ball Valve	ASTM B148 C95800	2 in x 1 1/2 in	ASME CL 150	8 Nos
2017	DK ENGINEERING	Vietnam	Bongkot & Arthit Wellhead Platform	Swing Check Valve & Globe Valve	ASTM A105N & ASTM A216 WCB - Carbon Steel	1 in to 3 in	ASME CL 600 & CL 800	3 Nos
2016	NO CEILING CO. LTD	Thailand		Globe Valve	ASTM A105 -Carbon Steel	1/2 in	ASME CL 800	3 Nos
2016	OPTIMUM VALVE	Malaysia		Globe Valve	ASTM A182 F316L - Stainless Steel	2 1/2 in	ASME CL 1500	1 Nos
2016	OPTIMUM VALVE	Malaysia		Globe Valve	ASTM A182 F316L - Stainless Steel	1 in	ASME CL 1500	2 Nos
2016	OPTIMUM VALVE	Malaysia		Globe Valve	ASTM A182 F316L - Stainless Steel	2 in	ASME CL 1500	1 No
2016	BOUSTEAD DCNS Naval Corp	Malaysia	Malaysian Scorpene Submarine	Elastic Ring, Valve Seal, Disc, Valve Seat				38 Nos
2016	BOUSTEAD DCNS Naval Corp	Malaysia	Malaysian Scorpene Submarine	Spare Kit, Kit Detendeur & O-Ring Kit				16 Nos
2016	BOUSTEAD DCNS Naval Corp	Malaysia	Malaysian Scorpene Submarine	Angular Jack Kit				2 Nos
2016	BOUSTEAD DCNS Naval Corp	Malaysia	Malaysian Scorpene Submarine	Upper Spring Guide				1 No
2016	RAHMAT DAGANGAN SDN BHD	Malaysia		Gate Valve & Swing Check Valve	ASTM A105N, ASTM A216 WCB - Carbon Steel	3/4 in - 6 in	ASME CL 150 to CL 300	14 Nos
2016	RAHMAT DAGANGAN SDN BHD	Malaysia		Butterfly Valve	Ductile Iron	16 in	ASME CL 150	3 Nos
2016	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Dulang B	Ball Valve	ASTM A351 CF8M - Stainless Steel	1 in	ASME CL 300	2 Nos
2016	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Baronia CPP B Jacket	Ball Valve	ASTM A216 WCB - Carbon Steel	6 in	ASME CL 150	4 nos
2016	CARIGALI HESS	Malaysia	Cakerawala Gas Field	Globe Valve	CAC 406	1/2 in	JIS 10K	3 Nos
2016	CARIGALI HESS	Malaysia	Cakerawala Gas Field	Check Valve	ASTM A890/ASTM A182 F51 - Duplex Stainless Steel	6 in	ASME CL 900 & CL 2500	3 Nos
2015	HYUNDAI HEAVY INDUSTRIES	South Korea	Bergading Project	Gate Valve, Globe Valve, Piston Check Valve & Swing Check Valve	ASTM A216 WCB, ASTM A105 - Carbon Steel ASTM A182 F316, ASTM A351 CF8M - Stainless Steel 316 ASTM A182 F51 - Duplex Stainless Steel B150 C63200 - Nickel Al. Bronze	3/4 in - 28 in	ASME CL 150 to CL 2500	
2015	FUKUDA	Malaysia	Garagol Deniz West Oil Development Project	Globe Valves, Gate Valve, Check Valve, Butterfly Valves & Needle Valve	ASTM A182 F316, ASTM A351 CF8M - Stainless Steel 316 ASTM A182 F51 - Duplex Stainless Steel ASTM A216 WCB, ASTM A105 - Carbon Steel ASTM A350 LF2, ASTM A352 LCC - Low Temp Carbon Steel	½ in - 12 in	ASME CL 150 to CL 300 API 10000	278 nos
2014	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform	Ball Valve & Globe Valve	ASTM B148 C95800 - Nickel Al. bronze	1-3 in	ANSI CL 150	8 nos
2014	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Tapis R -Topside	Ball Valve	ASTM A182 F316L -Stainless Steel ASTM B148 C95800 - Nickel Al. Bronze	3/4 in	ASME CL 800/2000kpg	30
2014	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Tapis R - Topside	Ball Valve	ASTM B148 C95800-Nickel Al Bronze	1/2 in	ASME CL 800	4 nos
2014	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Damar A-Topside	Butterfly Valve	ASTM B148 C95800-Nickel Al Bronze	10 in	ASME CL 300	1 no
2014	EXXONMOBIL	Malaysia	Damar Project	Globe Valve	ASTM A182 F51 - Duplex Stainless Steel	2 in	ASME CL 1500	1 no
2013	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform	Ball Valve & Piston Check Valve	TITANIUM	1 in	ASME CL 150	2 nos
2013	CETCO	Malaysia	Tapis EOR & Rejuvenating Project	Globe Valve	ASTM A216 - Carbon Steel ASTM A890 - Duplex Stainless Steel ASTM A182 - Stainless Steel	1 in to 14 in	ASME CL 150 to CL 1500	16 nos
2013	SARAWAK SHELL	Malaysia	D12, Laila, F14 & F29 Projects	Floating Ball Valve	ASTM B 148 UNS C95800 - Nickel Al. Bronze	2 in to 4 in	ASME CL 150	59
2013	SBM OFFSHORE	Malaysia	Siakap North Petai (EPC-MDFT)	Piston Check Valve	ASTM A182 F316 - Stainless Steel 316	3/4 in to 1/2 in	ASME CL 150	6
2013	CARIGALI HESS	Malaysia		Ball Valve	ASTM A350 LF2- Low Temp. Carbon Steel	8 in	ASME CL 600	1 nos
2012	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform	Globe & Check Valve	ASTM B148 C95800 - Nickel Al. Bronze	1 in	ASME CL 150	4 nos
2012	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform	Ball Valve	ASTM B148 C95800 - Nickel Al. Bronze	¾ in to 1 in	ASME CL 150	2 nos
2012	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform	Butterfly Valve	ASTM B148 C95800 - Nickel Al. Bronz	3 in	ASME CL 150	4 nos
2012	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform	Double Block And Bleed Valve	ASTM A105 ROLLED - Carbon Steel	1 ½ in to 2 in	ASME CL 150 to CL 1500	23 nos
2012	SOLIN TECHNOLOGY	Malaysia	LPG Petrovietnam Metering Project - Small	Trunnion Mounted Ball Valve	ASTM A352 LCC - Low Temp. Carbon Steel	8 in to 10 in	ASME CL 300	14 nos
2012	SOLIN TECHNOLOGY	Malaysia	LPG Petrovietnam Metering Project - Small	Trunnion & Floating Ball Valve	ASTM A352 LCC, ASTM A350 LF2 - Low Temp Carbon Steel	¾ in to 10 in	ASME CL 300	44 nos
2012	SARAWAK SHELL	Malaysia	F2 Project Store	Gate Valve	ASTM A890 Gr. 4A - Duplex Stainless Steel	19 nos	ASME CL 600	2 in
2012	SBM OFFSHORE	Malaysia	Siakap North Petai (EPC-MDFT)	Diaphragm Valve	ASTM 395 A-99 - Ductile Iron	3/4 in to 1/2 in	ASME CL 150	5
2012	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Tapis R Topsides Project	Globe Valve	ASTM A182 Gr. F51 - Duplex Stainless Steel ASTM A890 Gr. 4A- Duplex Stainless Steel	½ in to 12 in	ASME CL 150 to CL 1500	14 nos
2012	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Tapis R Topsides Project	Piston Lift Check, Dual Plate Check Valve	ASTM A182 F316L - Stainless Steel 316L ASTM A351 CF8M - Stainless Steel 316 B148 Gr. C95800 - Nickel Aluminum Bronze	½ in to 24 in	ASME CL 150 to CL 2500	58 nos
2012	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Tapis R Topsides Project	Butterfly Valve	ASTM A351 CF8M - Stainless Steel 316 B148 Gr. C95800 - Nickel Aluminum Bronze ASTM A890 Gr. 4A- Duplex Stainless Steel	3 in to 24 in	ASME CL 150	93 nos
2012	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	DAMAR - A PLATFORM (TOPSIDE)	Globe Valve Dual Plate Check Valve Piston Check Valve	ASTM A352/A352M LC3 - Low Temp Carbon Steel B150 C63200/A351/A351 CF8M - Nickel Al. Bronze & Stainless Steel ASTM A182/A182 M F316L - Stainless Steel 316	½ in to 8 in	ASME CL 150 to CL 2500	80
2012	MALAYSIA MARINE & HEAVY ENGINEERING	Malaysia	Tapis R Topsides Project	Globe Valve	ASTM A105 N - Carbon Steel ASTM A182 F316L - Stainless Steel 316L ASTM A182 F316 - Stainless Steel 316 ASTM B150 C63200 - Nickel Aluminum Bronze	½ in to 3 in	ASME CL 150 to CL 2500	44 nos
2012	CAMERON (JAPAN)	Japan	Total-DSME Clov Project	Gate Valve	ASTM A105 - Carbon Steel	½ in to 2 in	ASME CL 800	28 nos
2012	CAMERON (JAPAN)	Japan	Total-DSME Clov Project	Gate Valve	ASTM A105 - Carbon Steel	½ in	ASME CL 800	4 nos
2011	SARAWAK SHELL	Malaysia	Shell E8,F13 Compression and F28 Projects	Swing Check Valve (TAT)	ASTM A216 WCB, A352 LCC - Carbon Steel & Low Temp carbon Steel A351 CF8M, A182 F316, A182 F51 - Stainless Steel & Duplex	2 in and Above	ASME CL 300, CL 900, CL 1500	59 nos
2011	SIME DARBY ENGINEERING	Malaysia	B193 Process Platform-ONGC project	Gate Valve, Globe Valve & Check Valve	ASTM A105 / ASTM A216 WCB - Carbon Steel	1 in to 12 in	ASME CL 150 up to CL 800	235 nos

2010	KENCANA HL	Malaysia	Kinabalu Non-Associated Gas (NAG) Dev. Project	Globe Valve	ASTM A890-4A, A182-F51 – Duplex Stainless Steel ASTM A216 WCB / WCC A105 – Carbon Steel ASTM A182 F316 – Stainless Steel 316	3/4 in to 3 in	ASME CL 150 to CL 2500	35 nos
2009	CARIGALI HESS	Malaysia	Cakerawala Flowlines – CKA/B	Trunnion Ball Valve	ASTM A182 F51 – Duplex Stainless Steel	2 in	ASME CL 600	2 nos
2009	CARIGALI HESS	Malaysia	Level Gauge Drain Valve at CKP	Extended Bonnet Globe Valve	ASTM A352 LCC – Low Temp. Carbon Steel	3/4 in	ASME CL 900	4 nos
2009	PETRONAS CARIGALI	Malaysia	Peninsular Operations	Trunnion Ball Valve	ASTM A350 LF2, ASTM A216 WCB - Low Temp Carbon Steel	2 in to 12 in	ASME CL 300 to CL 1500	4 nos
2009	PETRONAS CARIGALI	Malaysia	Peninsular Operations	Swing Check Valve	ASTM A351 CF8M – Stainless Steel	2 in	ASME CL 150	3 nos
2009	PETRONAS CARIGALI	Malaysia	Tangga Barat Cluster Development	Globe Valve	ASTM A182 F316 – Stainless Steel ASTM A350 LF2 – Low Temp. Carbon Steel ASTM A216 WCB – Carbon Steel	4 in to 12 in	ASME CL 150 to CL 600	16 nos
2009	PETRONAS CARIGALI	Malaysia	Tangga Barat Cluster Development	Floating and Trunnion Ball Valve	ASTM A182 F51 – Duplex Stainless Steel, ASTM A182 F316 – Stainless Steel ASTM A350 LF2 – Low Temp. Carbon Steel ASTM A216 WCB – Carbon Steel ASTM B148 – Nickel Aluminium Bronze	4 in to 30 in	ASME CL 150 to CL 2500	537 nos
2009	PETRONAS CARIGALI	Malaysia	Kumang Cluster Development	Floating and Trunnion Ball Valve	ASTM A182 F51 – Duplex Stainless Steel ASTM A182 F316 – Stainless Steel ASTM A350 LF2 – Low Temp. Carbon Steel ASTM A216 WCB – Carbon Steel ASTM B148 – Nickel Aluminium Bronze	4 in to 30 in	ASME CL 150 to CL 1500	232 nos
2008	SARAWAK SHELL	Malaysia	D12, Laila, F14 & F29 Projects	Check Valve	ASTM A890 Gr. 4A – Duplex Stainless Steel ASTM 182 F316/A351 CF8M – Stainless Steel ASTM A216 WCB – Carbon Steel ASTM A105/A216 WCB – Carbon Steel ASTM A890 Gr. 4A/A182 F51 – Duplex Stainless Steel ASTM A350 LF2/A352 LCB – Low Temp. Carbon Steel ASTM B148 UNS C95400/B150 C63200 – Nickel Al. Bronze	2 in to 12 in	ASME CL 150 to CL 2500	59 nos
2008	SARAWAK SHELL	Malaysia	B11 Redevelopment Project	Swing Check Valves	ASTM B564 UNS N08825 – Incoloy 825	2 in	ASME CL 150, CL 900 to CL 1500	12 nos
2008	CARIGALI HESS	Malaysia	Cakerawala Early Gas 2006 – Flowlines	Dual Plate Check Valve	ASTM A182 F51 – Duplex Stainless Steel	6 in	ASME CL 900	1 nos
2007	SHELL	Malaysia	North Sabah 96 PSC DF Prod. Facilities	Dual Plate Wafer Check Valve	ASTM A216 WCB – Carbon Steel	4 in	ASME CL 600	5 nos
2007	SHELL	Malaysia	MLNG PSC DF Facilities ECB Project Yard	Dual Plate Wafer Check Valve	ASTM A800 4A – Duplex Stainless Steel	2 in to 10 in	ASME CL 1500	3 nos
2007	SHELL	Malaysia	SFJT-B Multiphase Flowmeter Project	Globe Valve	ASTM A351 CF8M – Stainless Steel 316	1/2 in & 3/4 in	ASME CL 150 to CL 600	5 nos
2007	CARIGALI HESS	Malaysia	Cakerawala Early Gas 2006 - Flowlines	Rising Stem Ball Valve	ASTM A182 F51 – Duplex Stainless Steel	2 in to 6 in	ASME CL 900 to CL 2500	15 nos