

**MANUAL VALVES**

Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply	
2018	SEPAT TAPIS Q.	FLOWLINE	BALL VALVE	80 UNIT	
		MMHE		8 UNIT	
		SAPURA ENERGY		2 UNIT 6" 1500#	
	MRO	PCSB SKO		2 UNIT 4" 1500#	
		PCSB SKO		4 UNIT 4" 1500#	
		SAPURA ENERGY		1 UNIT 2"	
		PCSB SKO	BALL VALVE	1 UNIT 2" 1500#	
		PCSB SBO		3 UNIT 6" 600#, 2 UNIT 6" 300#	
		PCSB SBO		1 UNIT 6" 600#	
		PCSB SKO		6 UNIT 2" 600#, 1 UNIT 2" 900#	
		PCSB SBO		6 UNIT 2" 150#	
		CARIGALI HESS		1 UNIT 6" 300#	
		TRISYSTEMS		4 UNIT 3" 900#	
2017	BARONIA	SAPURA ENERGY	MANUAL VALVE	MANUAL VALVE	
	CENDOR	PETROFAC	BALL VALVE	1 UNIT 12" 600#	
	ZAWTIKA	SAPURA ENERGY	SUBSEA BALL VALVE	4 UNIT 2" 900#	
	KINABALU	REPSOL	BALL VALVE	1 UNIT 8 X 6" 600#	
	TAPIS R	SAPURA KENCANA	MANUAL OPERATED VALVE (MOV)	1 UNIT, 12" 2500#	
	KNDPA	REPSOL	DUAL PLATE CHECK VALVE	4 UNIT, 2" 400#	
	PCSB	TEMBUNGO	MANUAL BALL VALVE	6" 900#	
	TAPIS R	SAPURA KENCANA HL	BARESHAF BALL VALVES	18" 1500# 12" 1500# & 2" 2500#	
	MRO	PCSB SBO		BALL VALVE	3 UNIT 4" 900#, 3 UNIT 3" 300#
		PCSB SBO		BALL VALVE	3 UNIT 3" 300#
		PCSB SBO		BALL VALVE	7 UNIT 2" 150#
		MSIAN REFINING		GATE VALVE	1 UNIT 10" 150#
		ARISS INTEGRATED		BALL VALVE	1 UNIT 1 1/2" 150#, 1 UNIT 2" 150#
		PCSB PMO		BALL VALVE	2 UNIT 6" 150#
		CARIGALI HESS		BUTTERFLY VALVE	2 UNIT 2" 150#, 2 UNIT 3" 150#
		CARIGALI HESS		BUTTERFLY VALVE	2 UNIT 8" 150#
		CARIGALI HESS		GATE VALVE	4 UNIT
		MATCO		BUTTERFLY VALVE	1 UNIT 16" 150#
		PCSB SBO		BALL VALVE	3 UNIT 4" 900#, 3 UNIT 3" 300#
		PCSB SKO		BALL VALVE	5 UNIT 2" 150#
		SAPURA ENERGY		BALL VALVE	2 UNIT 4" 900#
		PCSB PMO		BALL VALVE	4 UNIT 4" 900#
		PETROFAC		BALL VALVE	1 UNIT 2" 300#
		CARIGALI HESS	BALL VALVE BUTTERFLY VALVE CHECK VALVE		1 UNIT 2" 150# 1 UNIT 3" 150# CHECK 1 UNIT 4" 150#
		PCSB PMO		BALL VALVE	2 UNIT 12" 900#, 5 UNIT 4", 900#
		PCSB SKO		BALL VALVE	1 UNIT 6" 600#
		PCSB SKO		BALL VALVE	3 UNIT 3" 150#, 8 UNIT 3" 600#, 2 UNIT 4" 300#, 6 UNIT 3" 900#
		PCSB SKO		BALL VALVE	1 UNIT 3" 900#
		CARIGALI HESS		BALL VALVE	3 UNIT 1"
		CARIGALI HESS		BALL VALVE	1 UNIT 6" 300#, 10 UNIT 2" 600#
		PCSB PMO		BALL VALVE	8 UNIT, 3" 150#
		PCSB PMO		BALL VALVE	4 UNIT, 8" 600#
		SHELL MALAYSIA TRADING	SHUTDOWN VALVE		1 UNIT
		PCSB PMO		BALL VALVE	1 UNIT, 12 X 10' 300#
		PCSB PMO		BALL VALVE	3 UNIT, 6" 900#
		PCSB PMO		BALL VALVE	2 UNIT, 3" 150#, 1 UNIT- 1" 150#, 1 UNIT- 8" 600#, 1 UNIT- 4x3" 150#
		PCSB SKO		BALL VALVE	1 UNIT, 2" 600#
		PCSB SKO		BALL VALVE	1 UNIT, 6" 900#
		BP PETRONAS ACETYL	CHECK VALVE		1 UNIT, 1 1/2" 150#
		PCSB PMO		BALL VALVE	1 UNIT, 2" 150#
PCSB PMO			BALL VALVE	4 UNIT, 2" 150#, 1 UNIT, 3" 150#	
PCSB PMO			BALL VALVE	1 UNIT, 2" 150#	
PCSB PMO			BALL VALVE	1 UNIT - 4" 600#	

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		PCSB PMO	BALL VALVE	1 UNIT, 2" 150#

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2016	BARAM	PCSB SKO	BALL VALVE	1 UNIT, 14" 1500#
	SK316	TECHNIP	BALL VALVE	6 UNIT, 20" 900#
	BARDEGG/BARONIA	PCSB	BALL VALVE	62 UNIT
	KINABALU	REPSOL	BALL VALVE	8 UNIT 4"-12" 600#-2500#
	MRO	PCSB SBO	BALL VALVE	1 UNIT 2" 600#,1 UNIT 3" 1500#
	BARDEGG	PCSB	BALL VALVE	5 UNIT 1" 150#-1500#
	SEMARANG	PCSB SKO	ABV	24 UNIT 2"-8" 900#-2500#
	SEMARANG	PCSB SKO	BALL VALVE	46 UNIT 2"-8" 1500#-2500#
	SK316	TECHNIP	BALL VALVE	6 UNIT 20" 900#
	PM3 SHUTDOWN	TALISMAN	BALL VALVE	2 UNIT 14" 16" 600#
	BNJT	SAPURA KENCANA HL	BALL VALVE	8 UNIT 2" 300#
		PCSB SBO	BALL VALVE	2 UNIT 3" 600#,1 UNIT 4" 300#
		PCSB PMO	GLOBE VALVE	1 UNIT 3" 900#
		PCSB SKO	BALL VALVE	10 UNIT 2" 600#
		REPSOL	CHECK VALVE	1 UNIT 4" 1500#
		PETRONAS CHEMICAL DERIVATIVES	GATE VALVE	1 UNIT 4" 300#
		PCSB PMO	BALL VALVE	9 UNIT 2" 150#
		VOSS	BALL VALVE	1 UNIT 10" 600#
		VOSS	BALL VALVE	1 UNIT 4" 150#
		ANJUR EKAR	BALL VALVE	2 UNIT 1" 150#,1 UNIT 2" 150#
		CARIGALI HESS	BALL VALVE	1 UNIT 2" 600#
		PHARLAP	BUTTERFLY VALVE	1 UNIT 6" 150#
		PETROFAC	BALL VALVE	3 UNIT 2" 600#,8" 1500#,12" 600#
	MRO	REGAS TERMINAL SG UDANG	BUTTERFLY VALVE	1 UNIT 36" 150#
		MISI SETIA	BALL VALVE	2 UNIT 3" 150#
		PCSB SBO	BALL VALVE	1 UNIT 2" 900#
		MMHE	BALL VALVE	7 UNIT 3/4"-2" 300#-1500#
		PCSB	BALL VALVE	1 UNIT 6" 300#
		PCSB	CHECK & BALL VALVE	2 UNIT (10" 14" 900#)
		TMM ENGINEERING	GATE VALVE	1 UNIT (4" 150#)
		TMM ENGINEERING	GATE VALVE	1 UNIT (2" 1500#)
		VALSER ENERGY	BALL VALVE	3 UNIT (2" 150#)
		BP PETRONAS ACETYL	CHECK VALVE	1 UNIT (1" 150#)
	TOYO ENGINEERING	GATE VALVE	1 UNIT (3/4" 800#)	
	FLOWLINE	BALL VALVE	2 UNIT (1/2"-1" 900#-1500#)	
	VALSER ENERGY	BALL VALVE	6 UNIT (2" 150#)	
2015	SK316	TECHNIP	BALL VALVE	4 UNIT (1" 150#)
	TGAST	SAMSUNG ENGINEERING	BALL VALVE	6 UNIT 2"-10" 150#-600#
	GUMUSUT KAKAP	SABAH SHELL	BUTTERFLY VALVE	1 UNIT 24" 150#
	PFLNG1	DSME	BALL VALVE	235 UNIT (1.5" BELOW)
	BERGADING	HYUNDAI ENGINEERING	PVC BALL VALVE	23 UNIT (31/4"-3" 150#)
	PFLNG1	DSME	BALL VALVE	9 UNIT (1.5" & BELOW)
	GUMUSUT KAKAP	MMHE	BALL VALVE	2 UNIT (2" 1500#)
	RESAK	PCSB	BALL VALVE	12 UNIT (8"-28" 900#-1500#)
		RHS TECH CORP	FIRESAFE BALL VALVE	1 UNIT (4" 900#)
		PC MYANMAR	BALL VALVE	5 UNIT (3" 600#)
		RHS TECH CORP	BALL VALVE	1 UNIT (2" 1500#)
		TMM ENGINEERING	BALL VALVE & PLUG VALVE	4 UNIT (2" 600#)
		STEELCON	GATE VALVE	2 UNIT 4"-10" 150#)
		KROHNE	BALL VALVE	1 UNIT 1 1/2" 2500#
		REPSOL	BALL VALVE	1 UNIT 1 1/2" 300#
		CARIGALI HESS	BALL VALVE	1 UNIT 24" 600#
		MIR VALVE	BALL VALVE	3 UNIT 3" 150#
		PCSB	CHECK VALVE	1 UNIT 6" 600#
	MRO	KHRONE	BALL VALVE	2 UNIT (2" & 6")
	MMHE	BALL VALVE	1 UNIT (2" API 10000)	
	MIR VALVE	BALL VALVE	7 UNIT (6" 150#)	

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Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply
		PETROFAC	KICKER VALVE	1 UNIT (8" 1500#)
		CARIGALI HESS	BALL VALVE	2 UNIT (2" 2500#)
		BP PETRONAS ACETYLS	CHECK & GATE VALVE	2 UNIT (1/2" 150#)
		FLOWLINE	BALL VALVE	2675 UNIT (1/2"-3" 600#-2500#)
		PCSB	BALL VALVE	3 UNIT (6"-8" 600#)
		PCSB	BALL VALVE	2 UNIT (3" 900#)
		BP PETRONAS ACETYLS	CHECK & GLOBE VALVE	2 UNIT (1/2" -1" 600#)
		PCSB	BALL VALVE	2 UNIT (2" 300#)
		TMM ENGINEERING	BALL VALVE	3 UNIT (2",4",8" 600#)

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Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply	
2014	BERGADING	HYUNDAI ENGINEERING	PVC BALL VALVE	7 UNIT (1"-2" 150#)	
	SK316	TECHNIP	CHECK VALVE	2 UNIT (4".8" 150#)	
			GLOBE VALVE	2 UNIT (2" 150#)	
			BALL VALVE	16 UNIT (1"-1 1/2" 150#)	
	RESAK	PCSB	BALL & CHECK VALVE	7 UNIT (3" - 16" 900# - 1500#)	
	SK316	TECHNIP	TRIPLE OFFSET BUTTERFLY VALVE	1 UNIT 16" 900#	
			BALL VALVE	243 UNIT (3/4" - 6" 150# - 1500#)	
			BALL VALVE	85 UNIT (1/2" - 1 1/2" 150# - 2500#)	
	BERTAM	TABUNG HAJI	BALL VALVE	20 UNIT (2"-6" 300#)	
	GUMUSUT KAKAP	SABAH SHELL	BALL VALVE	1 UNIT (4" 150#)	
	TAPIS R	EXXONMOBIL	BALL VALVE	1 UNIT (3" 900#)	
	D35 PROJECT	SARAWAK SHELL BERHAD	BALL VALVE	1 UNIT (3" 600#)	
	RESAK	PCSB	GATE,CHECK & BALL VALVE	12 UNIT (3/4" 900# - 8" 900#)	
	GUMUSUT KAKAP	SABAH SHELL	BALL VALVE	1 UNIT (3/4" 1500#)	
	EVA PROJECT	SAPURA KENCANA	BALL VALVE	3 UNIT (2",4",6" 1500#)	
	TGAST	CAMERON SOLUTIONS	BALL VALVE	236 UNIT (3/4" - 2")	
	B1 WELL HOOK UP	FLOWLINE CO LTD	BALL VALVE	2230 UNIT (1/2" - 3" 900# - 1500#)	
	GUMUSUT KAKAP	SABAH SHELL PETROLEUM	BALL,CHECK VALVE	3 UNIT (6" 600#)	
			BALL,CHECK VALVE	5 UNIT (1" - 6" 600#)	
	MRO	PCSB	GLOBE VALVE	3 UNIT (10" 900#)	
			TALISMAN	FIRESAFE BALL VALVE	1 UNIT (1" 150#)
			GEVEKE MSIA	CHECK VALVE	2 UNIT (2" 150#.2" 1500#)
			POWER BOOSTER	BALL VALVE	2 UNIT (2" 150#)
			PETRA RESOURCES	FIRESAFE BALL VALVE	1 UNIT (3" 150#)
			SAPURA KENCANA	BALL,GATE VALVE	4 UNIT (3/4" - 2" 600#)
			MEGAH TRITECH	BALL VALVE	4 UNIT (1" 600#)
			TALISMAN	FIRESAFE BALL VALVE	1 UNIT (8" 2500#)
				PVC BALL VALVE	2 UNIT (1" - 1 1/2" 150#)
				FIRESAFE BALL VALVE	7 UNIT (3" - 12",600" - 1500#)
				FIRESAFE BALL VALVE	2 UNIT (2" - 6" 1500#)
FIRESAFE BALL VALVE				1 UNIT (8" 150#)	
FIRESAFE BALL VALVE			1 UNIT (4" 900#)		
CARIGALI HESS			BALL VALVE	3 UNIT (1/2" - 4" 300#)	
PCSB			BALL VALVE	5 UNIT (3" - 12" 300#)	
2013	MRO	MMHE	BALL VALVE	3 UNIT	
		TALISMAN	BUTTERFLY VALVE	1 UNIT	
		HAMMER ENGINEERING	BALL VALVE	2 UNIT	
		TALISMAN	BALL VALVE	1 UNIT	
		DYNAC SDN BHD	BALL VALVE	12 UNIT	
		CARIGALI HESS	BALL VALVE	2 UNIT	
		FLOWLINE	BALL VALVE WITH DRAIN VALVE	2 UNIT	
		MMHE	GATE VALVE	1 UNIT	
		CARIGALI HESS	BALL ,GLOBE & CHECK VALVE	4 UNIT	
		BUMI PRIMA	MANUAL VALVE	1 UNIT	
		PETROFAC	QUICK EXHAUST VALVE	1 UNIT	
		BUMI PRIMA	MANUAL GATE VALVE	1 UNIT	
		SARAWAK SHELL BERHAD	BALL VALVE	1 UNIT	
		SBM OFFSHORE	CPVC BALL VALVE/Y PAT IERN VALVE	23 UNIT	
		PC MYANMAR	BALL VALVE	1 UNIT	
	DAMAR - PLATFORM (JACKET)	MMHE	GLOBE VALVE	2 UNIT	
	BERANTAI OPERATION	PETROFAC	BALL VALVE	2 UNIT	
	F14DR-A TOPSIDE & F14/F29 PROCESS MODUL	MMHE	BALL VALVE	6 UNIT	
	SMA-KONGSBERG KG-2 FIELDWIDE REPLACEMENT	RANHILL WORLEY	BUTTERFLY VALVE	2 UNIT	
	PFLNG 1	SEVEN TRENT DE NORA	MANUAL GATE VALVE	13 UNIT	
	BUKIT TUA PROJECT	TECHNIP	SUBSEA BALL VALVE	12 UNIT	
	PFLNG1	DSME	GLOBE,GATE & CHECK VALVE	1130 UNIT	
		MANUAL BALL VALVE	904 UNIT		

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Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply
	S1 STOCK	FLOWLINE	MANUAL BALL VALVE	26 UNIT
			MANUAL BALL VALVE	5 UNIT

**MANUAL VALVES**

Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply	
2012	MRO	SAPURA KENCANA	SINGLE BLOCK AND BLEED VALVE	1 UNIT	
		MAYVILLE SDN BHD	GATE VALVE	1 UNIT	
		EXXONMOBIL	BUTTERFLY VALVE	2 UNIT	
		EXXONMOBIL	GLOBE VALVE	1 UNIT	
		EXXONMOBIL	GLOBE VALVE	2 UNIT	
		MMHE	BUTTERFLY VALVE	8 UNIT	
		MMHE	BALL VALVE	1 UNIT	
		DESMET BALLESTRA	GLOBE VALVE	40 UNIT	
		SDE	DBB VALVE	2 UNIT	
		SDE	BALL VALVE	2 UNIT	
		SDE	BALL & BUTTERFLY VALVE	1 UNIT	
		SDE	BALL VALVE	4 UNIT	
		MLNG	GLOBE VALVE	1 UNIT	
		MMHE	NEEDLE VALVE	1 UNIT	
		PC MYANMAR	GLOBE VALVE	1 UNIT	
		EXXONMOBIL	BALL VALVE	1 UNIT	
		EXXONMOBIL	BUTTERFLY VALVE	2 UNIT	
		MMHE	BALL VALVE	2 UNIT	
		FPSO VENTURES	BALL VALVE	3 UNIT	
		PCSB	EXHAUST VALVE	5 UNIT	
		SHAPADU	GLOBE VALVE	1 UNIT	
		PCSB	BALL VALVE	2 UNIT	
		EXXONMOBIL	BUTTERFLY VALVE	1 UNIT	
		DESMET BALLESTRA	GLOBE VALVE	1 UNIT	
		PCSB	BALL VALVE	1 UNIT	
		MMHE	BALL VALVE	1 UNIT	
		PC MYANMAR	MANUAL BUTTERFLY VALVE	2 UNIT	
		MUHIBBAH PETROCHEMICAL	GLOBE VALVE	1 UNIT	
		PCSB	MANUAL BALL VALVE	12 UNIT	
		ANGSI	IDEAL JUPITER	BALL VALVE	6 UNIT
		BULAN B	FLOWLINE	SAMPLING VALVE	2 UNIT
		CENDOR	PETROFAC	MANUAL BALL VALVE	1 UNIT
		GUMUSUT KAKAP	SDE	BALL VALVE CPVC	2 UNIT
MRO	IEV	DBB VALVE	6 UNIT		

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Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply
2011	GUMUSUT KAKAP	MMHE	BALL VALVE	15 UNIT
	SERENDAH PLATFORM	KHL	BALL VALVE	31 UNIT
	PRR2	HYUNDAI ENGINEERING	BALL VALVE	49 UNIT
	MERAPUH A	BROOKE DOCKYARD	BALL VALVE	15 UNIT
	GUMUSUT KAKAP	MMHE	BALL VALVE	2 UNIT
	SUMANDAK NAG DEVELOPMENT PROJECT	KHL	BALL & GATE VALVE	12 UNIT
	KUMANG TIE-IN	PCSB	BALL VALVE	3 UNIT
2010	SUMANDAK NAG DEVELOPMENT PROJECT	KHL	BALL VALVE	73 UNIT
			BUTTERFLY VALVE	3 UNIT
			GLOBE VALVE	4 UNIT
			DBB VALVE	19 UNIT
	TOPSIDE PM 329 EAST PIATU (WHP)		DBB VALVE	77 UNIT
			SINGLE BLOCK AND BLEED VALVE	31 UNIT
			BALL VALVE	398 UNIT
			BALL VALVE	56 UNIT
2009	TANGGA BARAT WELLHEAD	PCSB	DBB VALVE	
	KUMANG WELLHEAD		DBB VALVE	2 UNIT
			DBB VALVE	1 UNIT
2008	RBB MODIFICATION PROJECT	SOUTHERN PETROLEUM CONSTRUCTION	BALL VALVE	47 UNIT
	TANGGA BARAT WELLHEAD	PCSB	BALL VALVE	2 UNIT
	KUMANG CPP		BALL VALVE	1 UNIT
	KUMANG WELLHEAD		BALL VALVE	1 UNIT
	SUMANDAK PHASE II		BALL VALVE	638 UNIT
	TABU & TAPIS DEVELOPMENT PROJECT		EXXONMOBIL	CHECK VALVE
	TANGGA BARAT WELLHEAD	PCSB	BALL VALVE	2 UNIT
			BALL VALVE	2 UNIT
			BALL VALVE	1 UNIT
			BUTTERFLY VALVE	4 UNIT
			BUTTERFLY VALVE	1 UNIT
			BUTTERFLY VALVE	1 UNIT
			BUTTERFLY VALVE	1 UNIT
KUMANG CPP	DBB VALVE	6 UNIT		
TANGGA BARAT WELLHEAD	DBB VALVE	1 UNIT		
KUMANG CPP	DBB VALVE	1 UNIT		
TANGGA BARAT WELLHEAD	DBB VALVE	1 UNIT		
2007	MRO	EXXONMOBIL	BUTTERFLY VALVE	30 UNIT
	BUNGA KEKWA-C	TALISMAN	BALL VALVE	24 UNIT
2006	SUMANDAK PHASE II	PCSB	BALL VALVE	580 UNIT
	OTWAY GAS PLANT AUSTRALIA	TECHNIP	BALL VALVE	3 UNIT
2005	SUMANDAK PHASE I	PCSB	BALL VALVE	309 UNIT
	MERCURY REMOVAL PROJECT	MMHE	BALL,CHECK & GLOBE VALVE	272 UNIT
	PETLIN MODIFICATION	PETLIN	GLOBE VALVE	14 UNIT
	SUMANDAK DRILLING PLATFORM	SIME SEMBCORP	BALL VALVE	58 UNIT
	CTOC PROJECT	CARIGALI TRITON	BUTTERFLY VALVE	17 UNIT