

**VALSER ENGINEERING SDN. BHD.****REV. DATE:****23-Mar-2025****REFERENCE LIST - MANUAL VALVE**

NO.	YEAR	PROJECT NAME	END USER	EPC	SCOPE OF WORK / DESCRIPTION	BRAND	SIZING	QUANTITY
1	2025	MRO	PETRONAS CHEMICALS FERTILISER SABAH SDN. BHD.		BFE GLOBE VALVE	BONNY FORGE, ITALY	1/2" 800#	1
2		MRO	PENGERANG PETROCHEMICAL COMPANY SDN. BHD.		PRESSURE SAFETY VALVE	TAI MILANO	VARIOUS SIZES	2
3		MRO	PENGERANG REFINING COMPANY SDN. BHD.		PRESSURE SAFETY VALVE	TAI MILANO	VARIOUS SIZES	3
4		MRO	PENGERANG REFINING COMPANY SDN. BHD.		PRESSURE SAFETY VALVE	TAI MILANO	VARIOUS SIZES	3
5		MRO	PENGERANG PETROCHEMICAL COMPANY SDN BHD		PRESSURE SAFETY VALVE	TAI MILANO	3/4" X 1" ,	1
6	2024	PLUTO TRAIN 1	WOODSIDE	VALSER SYNERGY AUSTRALIA	BALL, CHECK, GLOBE VALVE	DELLA FOGLIA, GOODWIN & BONNEY FORGE	VARIOUS SIZES	30
7		MALAMINE EPCC	TECHNIP ENERGIES (M) SDN BHD		GATE & GLOBE VALVE	BONNEY FORGE	VARIOUS SIZES	9
8		MRO	PTTEP SARAWAK OIL LIMITED		BALL VALVE	VFS	3" 600#	3
9		MRO	PENGERANG TERMINALS (TWO) SDN BHD		CHECK VALVE	VELAN	16" 150#	1
10		KIKEH COMPACT SEPARATOR PUMP PROJECT	PTTEP SARAWAK OIL LIMITED		BALL VALVE	LCM & KUKA	VARIOUS SIZES	2
11			PTTEP SARAWAK OIL LIMITED		BALL VALVE	TEER	VARIOUS SIZES	36
12			PETRONAS CARIGALI SDN. BHD		CPVC BALL VALVE	SPEAR	1" 150#	5
13		NORTH MALAY BASIN - REPLACEMENT SDV-125	HESS EXPLORATION		BALL VALVE	DELLA FOGLIA	2" 150#	1
14		SOGT	PETRONAS CARIGALI SDN BHD		BALL VALVE	DELLA FOGLIA	24" 1500#	1
15			PENGERANG TERMINALS (TWO) SDN BHD		BALL VALVE	VELAN	16" 150#	1
16		KIKEH	PTTEP SARAWAK OIL LIMITED		BALL VALVE	VIAR AVLVOLE	VARIOUS SIZES	4
17			PTTEP SARAWAK OIL LIMITED		BALL VALVE	VFS	VARIOUS SIZES	36
18		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		PRESSURE SAFETY VALVE	TAI MILANO	1 1/2" 1500#	1
19		OGT	PETRONAS CARIGALI SDN. BHD.		BALL VALVE	VELAN	1/2" 150#	8
20			MALAYSIA DEEPWATER PRODUCTION CONTRACTORS SDN BHD (MDPC)		DOUBLE BLOCK & BLEED	LCM	VARIOUS SIZES	4
21			PENGERANG PETROCHEMICAL COMPANY SDN BHD		PRESSURE SAFETY VALVE	TAI MILANO	VARIOUS SIZES	2
22			PENGERANG PETROCHEMICAL COMPANY SDN. BHD.		PRESSURE SAFETY VALVE	TAI MILANO	VARIOUS SIZES	21
23			PENGERANG PETROCHEMICAL COMPANY SDN. BHD.		PRESSURE SAFETY VALVE	TAI MILANO	3/4" X 1" , 300#X300#	1
24			PENGERANG PETROCHEMICAL COMPANY SDN. BHD.		PRESSURE SAFETY VALVE	TAI MILANO	1"X2" ,300#X150#	1
25	2023	SOGT	PETRONAS CARIGALI SDN BHD		BALL VALVE	DELLA FOGLIA	24" 900#	2
26		CPOC	MALAYSIA MARINE AND HEAVY ENGINEERING SDN. BHD.		BALL VALVE	VFS	VARIOUS SIZES	72
27		MRO	PTTEP SARAWAK OIL LIMITED		BALL VALVE	VFS	12" 1500#	2
28		MRO	PTTEP SARAWAK OIL LIMITED		BALL VALVE	VFS	VARIOUS SIZES	19
29		NORTH MALAY BASIN	HESS EXPLORATION AND PRODUCTION MALAYSIA B.V		BALL VALVE	KUKA	VARIOUS SIZES	2
30		NORTH MALAY BASIN	HESS EXPLORATION AND PRODUCTION MALAYSIA B.V		CHECK VALVE	GOODWIN	VARIOUS SIZES	3
31		KASAWARI CCS	MALAYSIA MARINE AND HEAVY ENGINEERING SDN. BHD.		INTERLOCK	ALCATRAZ	VARIOUS SIZES	46
32		GANSAR	MEB CONSTRUCTION SDN BHD		INTERLOCK	ALCATRAZ	VARIOUS SIZES	13
33		GANSAR	MEB CONSTRUCTION SDN BHD		INTERLOCK	ALCATRAZ	VARIOUS SIZES	22
34		NORTH MALAY BASIN	HESS EXPLORATION AND PRODUCTION MALAYSIA B.V		CHECK VALVE	GOODWIN	VARIOUS SIZES	2
35		REPLACEMENT	PETRONAS CHEMICALS FERTILISER SABAH SDN BHD		CHECK VALVE	GOODWIN	VARIOUS SIZES	1
36		NORTH MALAY BASIN	HESS EXPLORATION AND PRODUCTION MALAYSIA B.V		BALL VALVE	DELLA FOGLIA	VARIOUS SIZES	3
37		MRO	SABAH SHELL PETROLEUM CO.		CHECK VALVE	GOODWIN	VARIOUS SIZES	5
38		TIMI	BROOKE DOCKYARD		VALVE INTERLOCK	ALCATRAZ		37

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NO.	YEAR	PROJECT NAME	END USER	EPC	SCOPE OF WORK / DESCRIPTION	BRAND	SIZING	QUANTITY
39	2022	JERUN	JOHNSON PUMP (M) SDN BHD		CHECK/GATE VALVES	BONNY FORGE, ITALY		8
40		BOUGINVILLEA	TECH INFINITY ENGINEERING SDN BHD		BALL VALVE	VFS		116
41		JERUN	MMHE SDN BHD		MANUAL FLOODING	VFS		161
42	2021	MRO	MATCO MALAYSIA		ACTUATED BALL VALVE	VIAR VALVOLE, ITALY	-	1
43		MRO	FATTY CHEMICAL (MALAYSIA) SDN. BHD.		CHECK VALVE	GOODWIN UK	8"	2
44		MRO	PETRONAS CHEMICALS FERTILISER SABAH		BUTTERFLY VALVE	BRAY INTERNATIONAL	200 MM (8 IN)	1
45		PA PTTEP/S20089	PTTEP Sarawak Oil Limited		BALL VALVE	VFS		4
46		PA PTTEP/S20089	PTTEP Sarawak Oil Limited		BALL VALVE	VFS		10
47		PA PTTEP/S20089	PTTEP Sarawak Oil Limited		BALL VALVE	VFS		3
48		MRO	PETRONAS CHEMICAL METHANOL SDN BHD		BALL VALVE	VIAR VALVOLE	200 MM (8 IN)	2
49		MRO	PETRONAS CHEMICAL FERTILISER SABAH (PCFSSB)		BALL VALVE & LIMIT SWITCH	BRAY INTERNATIONAL	2"	2
50		MRO	SERBA DINAMK SDN BHD		SOLENOID VALVE & ACTUATOR	MAXSEAL		1
51		HARTALEGA	TECH INFINITY ENGINEERING SDN BHD (KEJURUTERAAN QKS SDN. BHD.)		ADDITIONAL MANUAL BALL VALVE	VFS		1
52		MRO	CARIGALI-PTTEPI OPERATING COMPANY SDN BHD		VALVES	MIDLAND		4
53		MRO	PETRONAS GAS BERHAD		INSTRUMENTATION VALVE			5
54		MRO	MALAYSIAN REFINING COMPANY SDN BHD (MRCSB)		CONTROL VALVE, GLOBE VALVE	ARCA REGLER	100 MM (4 IN), 80 MM (3 IN)	16
55		MRO	PETROFAC (MALAYSIA-PM304) LIMITED		BALL VALVE	DELLA FOGLIA	4", 600# & 3", 600#	2
56		PTTEP REPLACEMENT	FLOWLINE COMPANY LIMITED		BALL VALVE	SHIPHAM VALVE	2 x 1.5"	100
57		TSM19-144 EW & KINARUT CWR/SF FY2020	PETRA RESOURCES SDN BHD		BALL VALVE	VFS, MALAYSIA	1" 150#, 2" 150#, 1" 300#	7
58		EPCC FOR PGB PGU 11 SECTOR 3 COMPRESSOR RELOCATION PROJECT (SCORE)	DIALOG E & C SDN BHD		BALL VALVE	VFS, MALAYSIA	-	4
59		MRO	MALAYSIAN Refining Co S B		CONTROL VALVE	ARCA	80 MM (3 IN)	2
60		EPCC Hartalega, NGC-1	TECH INFINITY ENGINEERING SDN BHD (KEJURUTERAAN QKS SDN. BHD.)		BALL VALVE			167
61		MRO	PTTEP Sarawak Oil Limited		BALL VALVE			1
62		MRO	VALCON RESOURCES SDN BHD		DIAPHRAGM FOR ARCA CONTROL VALVE	ARCA		1
63		SCORE	DIALOG E & C SDN BHD		VALVE REFURBISHMENT WORKS PACKAGE			-
64		EPCC FOR PGB PGU 11 SECTOR 3 COMPRESSOR RELOCATION PROJECT (SCORE)	DIALOG E & C SDN BHD		BALL VALVE WRENCH & PLUG VALVE WRENCH	VFS, MALAYSIA		102
65		EPCC FOR PGB PGU 11 SECTOR 3 COMPRESSOR RELOCATION PROJECT (SCORE)	DIALOG E & C SDN BHD		BALL VALVE & CHECK VALVE	VFS, MALAYSIA		8
66		PTTEP/S20089	PTTEP SARAWAK OIL LIMITED		BALL VALVE		3 INCH, 2IN,CL1500 , 1IN,CS150	4
67		HESS PHASE 3	SAPURA ENERGY BERHAD		GLOBE VALVE	WALWORTH, MEXICO	3" 2500#	-
68			SERBA DINAMK SDN BHD		FLOATING BALL VALVE, DBB VALVE, SWING CHECK VALVE, GATE VALVE	VFS, MALAYSIA & TEER, CHINA	2" 600#, 1" 600#, 3/4" 600#	17
69			SARAWAK SHELL BERHAD		BUTTERFLY VALVE	SHIPHAM VALVE	4"	1
70		LPG SPRINKLER SYSTEM-MOV	VALSER OIL & GAS LIMITED -KENYA		BALL VALVE	VFS, MALAYSIA	4" & 3"	7
71		MALAYSIA-THAILAND JOINT DEVELOPMENT AREA	SCORE ASIA SDN BHD		PRESSURE SAFETY VALVE	TAI MILANO	1 1/2" 600# x 3" 150#	1
72			FLOWLINE COMPANY LIMITED		BALL VALVE	SHIPHAM VALVE	1 x 3/4"	100
73			SERBA DINAMK SDN BHD		BALL VALVE	VFS	2" 150#, 1" 150#, 1" 300#	7
74			SABAH SHELL PETROLEUM COMPANY LIMITED		BUTTERFLY VALVE	SHIPHAM VALVE	4"	1
75			STRATA NIAGA		VALVES		28", 23"	3
76		KASAWARI CONDENSATE SKID	KROHNE (M) Sdn Bhd		MOTOR OPERATED VALVES	VFS & BIFFI ITALIA	3" 900#, 1" 1500#, 1" 150#	14



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NO.	YEAR	PROJECT NAME	END USER	EPC	SCOPE OF WORK / DESCRIPTION	BRAND	SIZING	QUANTITY
77		HESS/2021/060 - PROVISION OF DELLA FOGLIA BALL VALVE	HESS EXPLORATION AND PRODUCTION MALAYSIA		BALL VALVE	DELLA FOGLIA	4" X 3" 1500#	1
78			SERBA DINAMK SDN BHD		BALL VALVE	VIAR VALVOLE, ITALY	10" x 8 " 600#	1
79		TSM19-140 EWDP-A INTERGRATED TMM FY2019	PETRA RESOURCES SDN BHD		BALL VALVE	-	3/4" 150#, 2" 150#,	2
80			HESS EXPLORATION AND PRODUCTION Malaysia B.V.		BALL VALVE AND REPAIR KIT	DELLA FOGLIA	3 X 2" 600#	2
81		TSM20-197 TBG CWR 2020: A5 PINHOLE LEAK	PETRA RESOURCES SDN BHD		BALL VALVE	VALSER FLOW SOLUTIONS	3' 900#,	2
82			WEHAYA SDN BHD		BALL VALVES	KITZ, JAPAN	3' 150#,	1
83			PETROFAC (MALAYSIA-PM304) LIMITED		BUTTERFLY VALVE	ACE VALVE, KOREA	16", 150#,	3
84			EXXONMOBIL EXPLORATION		PSV VALVE	TAI MILANO	1" 600# X 2" 150#	1
85	2020	UPSTEP PGB	DIALOG		INTERLOCK VALVE	ALCATRAZ		
86			MATCO		BALL VALVE	VIAR VALVOLE	6" 600#,10" 600#,2" 300#,1" 300#	9
87			MSUL MAINTENANCE		BALL VALVE	KUKA	3/4" 300#	2
88			RANHILL WORLEY		PRESSURE RELIEF VALVE	TAI MILANO	2" 2500#	1
89			SCORE ASIA		PRESSURE RELIEF VALVE	TAI MILANO	1" 600#	1
90			WAWASAN GAS		BALL VALVE	DELLA FOGLIA,BETTIS	2" 600#	1
91			ERIKS		BALL VALVE	BOHMER	1" 300# 2" 300# 3" 150#	3
92			PETROFAC		BALL VALVE	VIAR VALVOLE	3" 600#	1
93			PETRONAS CHEMICAL SABAH		GLOBE VALVE	BONNEY FORGE	3/4" 2500#)	1
94			PRPC		PSV	TAI MILANO	1.1/2"300#,3"150#	1
95			PRPC		RELIEF VALVE	TAI MILANO	1.1/2"300#,2"150#	2
96			BP PETRONAS ACETYLS		GATE VALVE	BONNEY FORGE	2" 800#	2
97			PETROFAC		VALVE	DELLA FOGLIA	3" 1500# 2" 1500# 2" 150#	3
98			SCORE ASIA		VALVE	TAI MILANO	1" X 2" 150#	1
99			CARIMIN		PSV	TAI MILANO	2" 1500#	2
100			TURCOMP		BALL VALVE	SHIPHAM	4" 100#	1
101			TURCOMP		QUICK EXHAUST VALVE	BIFOLD	1/2 NPT, 3/8 NPT	8
102			FATTY CHEMICAL		CHECK VALVE	GOODWIN	8"	2
103			FLOWLINE		BALL VALVE	SHIPHAM	1",3"	2
104			EXXONMOBIL		PSV	TAI MILANO	1-1/2"	1
105			UZMA		PRESSURE GAUGE	MIDLAND		
106			CARIGALI HESS		HAND VALVE		1/4" MNPT X 1/4" FNPT	2
107			SAPURA FABRICATION SDN. BHD.		MANUAL FLOATING BALL VALVE	PEKOS, SPAIN & STARLINE, UK	6", 150# 3", 150#	16
108			PETRONAS CARIGALI SDN BHD		TRUNNION SPLIT BODY BALL VALVE	VIAR VALVOLE, ITALY	14X12", 900#	14
109			PETRA RESOURCES SDN BHD		BALL VALVE	VFS	1" - 150# 2" - 150# 1" - 300#	26
110			CARIGALI-PTTEPI OPERATING COMPANY (CPOC)		BALL VALVE	STARLINE, ITALY & KUKA, SOUTH KOREA	1"x3/4"1500# 1"x3/4"150# 2"FB 150# 4"x 3"150#	9
111			CARIGALI-PTTEPI OPERATING COMPANY (CPOC)		RELIEF VALVE	BIFFI ITALIA	1/2" NPT	15
112			PETRONAS GAS BERHAD		GLOBE VALVE	BONNEY FORGE	3/4" 1500#	1
113			FLOWLINE COMPANY LIMITED		FLOATING BALL VALVE	SHIPHAM, UK	1"x3/4"	50
114			FLOWLINE		BALL VALVE		2" 1500#	50
115			PRPC		BUTTERFLY VALVE		6" 150#	5
116		CAKERAWALA	CARIGALI HESS		BUTTERFLY VALVE	SHIPHAM	6" 150#	10



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NO.	YEAR	PROJECT NAME	END USER	EPC	SCOPE OF WORK / DESCRIPTION	BRAND	SIZING	QUANTITY
117	2019		MALAYSIAN REFINING		CHECK VALVE		8",12" 300#	5
118			PGB		GLOBE VALVE	KITZ	1/2" 20K#	2
119			BP PETRONAS ACETYL		GATE VALVE	BONNEY FORGE	2" 800#	1
120			SERBA DINAMIK		BALL VALVE	APV	12" 150#	2
121			FLOWLINE		BALL VALVE	VIAR VALVOLE	2" 1500#	70
122			MLNG		BALL VALVE	DELLA FOGLIA	24" 900#	1
123			EVOLUSI BERSATU		BALL VALVE	KITZ,GWC,BONNEY FORGE,CRANE	VARIOUS SIZE	38
124			FLOWLINE		BALL VALVE		2" 1500#	100
125		BERGADING CPP-MRU	MMHE		CHECK VALVE	WALWORTH	1"-6" 150# - 600#	18
126			CARIGALI HESS		BUTTERFLY VALVE	SHIPHAM	3" 150#	3
127	2018		SARAWAK SHELL		GATE VALVE	SHIPHAM	8" 150#	2
128			SOLAR ALERT		SHUTDOWN VALVE	KITZ,BIFFI	2" 300#	4
129			ROC OIL		SHUTDOWN VALVE	DELLA FOGLIA	4" 600#	2
130			FLOWLINE		BALL VALVE	VIAR VALVOLE	1/2" 1500#	80
131			PETRA ENERGY		BALL VALVE	KF,KITZ,BONNEY FORGE	1"-12" 150# - 600#	24
132			CARIGALI HESS		GLOBE VALVE		1-13/16" 10000#	2
133					BALL VALVE	KUKA	1"-10" 150#-1500#	13
134		BERANTAI	SAPURA ENERGY		BUTTERFLY,GATE VALVE		VARIOUS SIZE	16
135		E8 & F13K	SARAWAK SHELL		BALL VALVE	DELLA FOGLIA	VARIOUS SIZE	14
136		F6			BALL VALVE	DELLA FOGLIA	VARIOUS SIZE	14
137		E11			BALL VALVE	DELLA FOGLIA	VARIOUS SIZE	12
138		E11			BALL VALVE	DELLA FOGLIA	VARIOUS SIZE	35
139		E11			BALL VALVE	DELLA FOGLIA	VARIOUS SIZE	82
140	2017		MATCO		BUTTERFLY VALVE	VANESSA	16" 150#	1
141			PCSB PMO		BALL VALVE	DELLA FOGLIA	4",12" 900#	7
142		CENDOR	PETROFAC		BALL VALVE	VIAR VALVOLE	12" 600#	1
143		ZAWTIKA	SAPURA ENERGY		SUBSEA BALL VALVE	VIAR VALVOLE	2" 900#	4
144			PCSB PMO		BALL VALVE	DELLA FOGLIA	20" 900#	1
145	2016	D35	DIALOG		SOLENOID VALVE	BIFOLD, UK	1 UNIT 1" 150#	
146		PM3	TALISMAN		BALL VALVE	DELLA FOGLIA	14" 300#,20" 600#	2
147			REGAS TERMINAL (SG UDANG) SDN BHD		BUTTERFLY VALVE	BRAY	36" 150#	1
148			CARIGALI HESS		BUTTERFLY VALVE	SHIPHAM	14" 16" 150#	2
149			PCSB PMO		BALL VALVE	SPEARS	2" 150#	9
150		SAMARANG	PCSB SBO		BALL VALVE	DELLA FOGLIA	2"-8" 1500# - 2500#	46
151		BARDEGG/BARONIA	PCSB		BALL VALVE	DELLA FOGLIA	VARIOUS SIZE	62
152		KINABALU	REPSOL		BALL VALVE	VIAR VALVOLE	4"-12" 600#-2500#	8
153			PCSB SKO		BALL VALVE	DELLA FOGLIA	2" 600#	10
154	2015	MRO	DIALOG		BALL VALVE		1 UNIT 1" 150#	
155		THC-14-5213	FLOWLINE CO LTD		BALL VALVE		1" 150#	24
156		THC-14-5214					1"-12" 900# - 1500#	26
157		THC-14-5215					1/2"X1/2" 1500#	100
158			CARIGALI HESS				24" 600#	1
159	2014	GUMUSUT KAKAP	SABAH SHELL	MMHE			24" 150#	1
160		PTTEP	FLOWLINE CO LTD				1/2"-3" 900#-1500#	2230
161		AGRS TGA	CAMERON				VARIOUS SIZE	236
162		SK316	PETRONAS CARIGALI SDN. BHD	TECHNIP			1/2"-6" 150#-1500#	243

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163		GTPOGT	HYUNDAI ENGINEERING				6"-14" 150#-300#	12
164		KINABALU NAG	THHE				1/4" -6" 150#	64

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1	2025	FGRU	PTTEP	SAPURA PINEWELL SDN BHD	ACTUATED BALL VALVE	VIAR / BIFFI	VARIOUS SIZES	3
2		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR / BIFFI	26" 1500#	1
3		OGT	PETRONAS CARIGALI SDN. BHD.		ACTUATED BALL VALVE	VAIR VALVOLE/BIFFI	8" 900#	1
4		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / ROTORK	8" 900#	1
5		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VAIR VALVOLE/BIFFI	2" 300#	1
6		FGRU	PTTEP	SAPURA PINEWELL SDN BHD	ACTUATED BALL VALVE	VAIR VALVOLE/BIFFI	VARIOUS SIZES	3
7		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VAIR VALVOLE/BIFFI	VARIOUS SIZES	4
8		NMB	Hess Exploration and Production		ACTUATED BALL VALVE	DELLA / BIFFI	VARIOUS SIZES	5
9		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	8" 150#	1
10		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / ROTORK	VARIOUS SIZES	5
11		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / ROTORK	2" 2500#	1
12		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / ROTORK	VARIOUS SIZES	4
13	2024	TCOT	PETRONAS CARIGALI SDN BHD		ACTUATED BALL VALVE	FBV / BIFFI	8" 300#	1
14		TCOT	PETRONAS CARIGALI SDN BHD		ACTUATED BALL VALVE	FBV / BIFFI	4" 150#	1
15		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	4" 600#	1
16		JGC Coral North		NOV Process & Flow Technologies Malaysia Sdn. Bhd.	ACTUATED BALL VALVE	YDF / CAMTORC	2" 1500#	2
17		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	4" 600#	1
18		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	VARIOUS SIZES	3
19		RESAK	PETRONAS CARIGALI SDN BHD		ACTUATED BALL VALVE	FBV / BIFFI	VARIOUS SIZES	4
20		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	4" 150#	1
21		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	3" 900#	2
22		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	VARIOUS SIZES	3
23		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	VARIOUS SIZES	2
24		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	VARIOUS SIZES	5
25		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	VARIOUS SIZES	3
26		SAPA	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	SFEROVA / BETTIS	VARIOUS SIZES	2
27		PRPA	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	KITZ / BIFFI	VARIOUS SIZES	2
28		PLUTO TRAIN 1	WOODSIDE ENERGY GROUP	VALSER SYNERGY AUSTRALIA	MOV	DELLA FOGLIA / ROTORK	VARIOUS SIZES	3
29		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BUTTERFLY VALVE	WINN / BETTIS	VARIOUS SIZES	2
30		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BUTTERFLY VALVE	PETROLVALVE / BIFFI	VARIOUS SIZES	2
31		BINDU	FLO SOLUTION ENGINEERING SDN BHD	MUHHIBBAH ENGINEERING (M) BHD.	ACTUATED BALL VALVE	KITZ / ROTORK	1-1/2" 150#	1
32		SAPA	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	KITZ / BETTIS	4" 300#	5
33		BARONIA	PETRONAS CARIGALI SDN. BHD.		ACTUATED BALL VALVE	VIAR VALVOLE / BIFFI	4" 300#	1
34			PTTEP SABAH OIL LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	10" 1500#	2

**VALSER ENGINEERING SDN. BHD.****REV. DATE:****23-Mar-2025****REFERENCE LIST - ACTUATED VALVE**

NO.	YEAR	PROJECT NAME	END USER	EPC	SCOPE OF WORK / DESCRIPTION	BRAND	SIZING	QUANTITY
35	2023	BERGADING	HESS EXPLORATION		ACTUATED BALL VALVE	DELLA / BIFFI	3" 300#	1
36			EPOMS		ACTUATED BUTTERFLY VALVE	APV / BIFFI	8" 150#	1
37		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	9
38		SAPA	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	2
39		PTTEP SARAWAK OIL LIMITED	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	2
40		PTTEP SARAWAK OIL LIMITED	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	4" 300#	1
41		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	8
42		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	10
43		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	10"150#	1
44		PM3	HIBISCUS OIL & GAS MALAYSIA LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	10"150#	1
45		SAPA	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	VFS / BETTIS	16" 300#	1
46		SAPA	PTTEP SARAWAK OIL LIMITED		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	9
47		GRT 2 & JETTY	PETRONAS CHEMICALS METHANOL SDN. BHD		ACTUATED BALL VALVE	VFS / BETTIS	VARIOUS SIZES	2
48	2022	JERUN	SAPURAOMV UPSTREAM	MMHE	ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	57
49		EPCC OF SOUTHERN TRANSMISSION IMPROVEMENT & READINESS (STAR)	DIALOG E&C SDN. BHD.		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	29
50		SHENANDOAH	HYUNDAI HEAVY INDUSTRIES		ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	132
51		BOUGINVILLEA	PETRONAS GAS BERHAD	TECH INFINITY ENGINEERING SDN. BHD.	ACTUATED BALL VALVE	VFS / BIFFI	VARIOUS SIZES	4
52		BEKOK PM9		MEB CONSTRUCTION SDN. BHD.	ACTUATED BALL VALVE	VIAR VALVOLE	VARIOUS SIZES	22
53	2021		MATCO MALAYSIA		ACTUATED BALL VALVE	VIAR VALVOLE, ITALY	-	1
54		BOA 20XV-53001A & 20XV-53001B BRAY BUTTERFLY ACTUATED	REPSOL OIL & GAS MALAYSIA LTD		BUTTERFLY ACTUATED	BRAY INTERNATIONAL	3" 150#	2
55		HESS PHASE 4A PROJECT	HESS EXPLORATION	SAPURA ENERGY BERHAD	ACTUATED ON-OFF VALVES (ABV + MOV)	LCM ITALIA & BIFFI ITALIA	VARIOUS SIZES	36
56		REPSOL-Provision of MCM for PM3-CAA and PM-305	REPSOL	TANJUNG OFFSHORE SERVICES SDN. BHD.	ACTUATED BALL VALVE	ROTORK/BIFFI/BETTIS	VARIOUS SIZES	16
57		KUMANG-E REDEV PROJECT	PETRONAS CARIGALI SDN BHD	CARIMIN ENGINEERING SERVICES SDN. BHD.	ACTUATED BALL VALVE	BIFFI ITALIA	8" 900#, 2" 900#	4
58	2020		PCSB SKO		ACTUATED BALL VALVE	VIAR VALVOLE,BIFFI ITALIA	12" 600#	2
59		KASAWARI	PETRONAS CARIGALI SDN BHD	MMHE	ACTUATED BALL VALVE	DELLA FOGLIA,BIFFI ITALIA	9" API10K, 2" 150#, 2" 2500#, 3" 150#	6
60		BAGAN LUAR	SHELL MALAYSIA		ACTUATED SHUTDOWN VALVE	DELLA FOGLIA,BIFFI ITALIA	12" 150#, 10" 150#	2
61		BOKOR BETTY	SAPURA ENERGY		ACTUATED BALL VALVE	VIAR VALVOLE,BIFFI ITALIA	2" 1500#	2
62		BUKIT TUA	PETRONAS	PT MEINDO ELANG INDAH	ACTUATED DELUGE VALVE	BRAY	6" 16BAR	1
63	2019	TCOT SHUTDOWN	WOODGROUP		ACTUATED SHUTDOWN VALVE	DELLA FOGLIA,BIFFI ITALIA	12" 600#	1
64		BARONIA	PCSB SKO		ACTUATED BALL VALVE	VIAR,BETTIS	2"-16" 150# - 1500#	7
65		BAYAN	PCSB SKO		ACTUATED BALL VALVE	VIAR,BETTIS	VARIOUS SIZES	15
66		KINABALU	DAYANG ENTERPRISE		ACTUATED BALL VALVE	VIAR,BETTIS	16" 600#	1
67		BUNGA RAYA	TALISMAN	BRODIE OIL & GAS SDN. BHD.	ACTUATED SHUTDOWN VALVE	VFS,BIFFI	6", 12" 2500#	3
68		KINABALU	DAYANG ENTERPRISE		ACTUATED BALL VALVE	VIAR,BETTIS	8" 2500#, 12" 1500#	2
69		BOKOR BETTY	SAPURA ENERGY		ACTUATED SHUTDOWN VALVE	DELLA FOGLIA,BIFFI	6" 2500#, 12" 2500#	3
70		EAST CENDOR	PETROFAC (M) LTD	MUHIIBBAH ENGINEERING (M) BHD.	ACTUATED BALL VALVE	VFS,ROTORK	2"-12" 300# - 1500#	22



VALSER ENGINEERING SDN. BHD.

REV. DATE:

23-Mar-2025

REFERENCE LIST - ACTUATED VALVE

NO.	YEAR	PROJECT NAME	END USER	EPC	SCOPE OF WORK / DESCRIPTION	BRAND	SIZING	QUANTITY
71			PCSB SBO		MOTOR OPERATED VALVE	VIAR VALVOLE	2"-10" 600#- 1500#	21
72	2018	BRE REGEN	REPSOL		ACTUATED BALL VALVE	KVC,BIFFI	8",10" 600#	3
73		BOKOR BETTY	SAPURA ENERGY		ACTUATED BALL VALVE		VARIOUS SIZES	27
74			PCSB PMO		ACTUATED BALL VALVE		VARIOUS SIZES	17
75			WOODGROUP		ACTUATED BALL VALVE	DELLA FOGLIA,BIFFI	4" 1500#, 24" 900#	3
76		TAPIS D	SAPURA ENERGY		ACTUATED BALL VALVE	DELLA FOGLIA,BIFFI	VARIOUS SIZES	138
77			SAPURA ENERGY		ACTUATED BALL VALVE	SAFOCO	2-1/16" API 6A	1
78		KPOC PFLNG	SAPURA ENERGY		MOTOR OPERATED VALVE	VIAR,BIFFI	10" 1500#	3
79	2017		PCSB SKO		ACTUATED BALL VALVE		VARIOUS SIZES	33
80			DYNA SEGMENT		ACTUATED BALL VALVE	FITECH	8" 900#	2
81			REPSOL		ACTUATED BALL VALVE	DAFRAM	10" 600#, 18" 1500#	3
82		BAYAN	PCSB SKO		ACTUATED BALL VALVE		VARIOUS SIZES	12
83		TAPIS R	SAPURA KENCANA		MOTOR OPERATED VALVE	DELLA FOGLIA	12" 2500#	1
84		TAPIS Q	SAPURA		MOTOR OPERATED VALVE	DELLA FOGLIA	16" 1500#	1
85	2016	BUNGA PAKMA	TALISMAN		ACTUATED BALL VALVE	DELLA FOGLIA	VARIOUS SIZES	14
86			PERSAFE ENGINEERING		ACTUATED BALL VALVE	VIAR VALVOLE	36" 900#	1
87		LAYANG	SAPURA KENCANA HL		ACTUATED BALL VALVE	DELLA FOGLIA	14" 300#	1
88		SK316	TECHNIP		ACTUATED BALL VALVE	DELLA FOGLIA	32" 900#	1
89		SAMARANG	PCSB SBO		ACTUATED BALL VALVE	VIAR VALVOLE	2" - 8" 900# - 2500#	24
90			REPSOL		ACTUATED BALL VALVE	VIAR VALVOLE	1" - 16" 300# - 2500#	8
91			PCSB SKO		ACTUATED BALL VALVE		16" 300#	1
92	2015		TALISMAN		ACTUATED BALL VALVE		1" - 4" 150# - 900#	11
93		BERGADING	HESS EXPLORATION	HYUNDAI ENGINEERING CO LTD	ACTUATED BALL VALVE		12"X16" 1500#	1
94		NORTH MALAY BASIN	SAPURA KENCANA		ACTUATED ON OFF VALVE		2" - 16" 150# - 1500#	42
95		TAPIS E			ACTUATED BALL VALVE		3" 1500#	5
96	2014	BOA/BOB/BOD	TALISMAN	TALISMAN	ACTUATED BALL VALVE		2" - 4" 150# - 2500#	7
97		BRA	TALISMAN	TALISMAN			2"- 6" 150# - 1500#	5
98		D18	PCSB SKO		ACTUATED BALL VALVE		3"- 8" 150" - 600#	7
99		BELUM TOPSIDE SK309	BOUSTEAD PENANG SHIPYARD		ACTUATED BALL VALVE		2" 150#	3
100			MMHE		ACTUATED BALL VALVE		4" 150#	3
101		SUMANDAK TEPI	PETRONAS CARIGALI SDN BHD	PETRA RESOURCES	ACTUATED BALL VALVE		2" 900#	3
102		SAMARANG 2	SAPURA KENCANA		ACTUATED BALL VALVE		4" 1500#	3
103		WEST LUTONG	SHAPADU ENGINEERING		ACTUATED BALL VALVE		4"- 8" 1500#	5
104		SK316	PETRONAS CARIGALI SDN BHD	TECHNIP	ACTUATED BALL VALVE		VARIOUS SIZES	63
105		BERGADING	HESS EXPLORATION	HYUNDAI ENGINEERING CO LTD	ACTUATED BALL VALVE		4" - 20" 150#	7
106					ACTUATED BUTTERFLY VALVE		18"- 24" 900# -1500#	6
107							1"- 3" 150# - 2500#	91
108		AGRS TGAST	CAMERON		ACTUATED SDV, ACTUATED BDV		VARIOUS SIZES	61
109		KINABALU NAG	THHE		MOTOR OPERATED VALVE		13" API 15K	1