

# APPROVED MANUFACTURES LIST



NAMA SYARIKAT : AXXICO SDN BHD (675811-U)

NO LESEN : 675811-U

TEMPOH SAH LESEN : 02.03.2012 - 01.03.2015

## BIDANG-BIDANG LESEN / PENDAFTARAN

### BIDANG-BIDANG LESEN YANG DILULUSKAN (Approved License Categories)

L/R	Kod Perkhidmatan / Bekalan (Service / Supplier Code)	Bentuk Operasi (Mode of Operation)	Nama Produk / Rig / Kapal (Bila Mana Berkaitan)
L	PM1310300 MECHANICAL-WINCHES/HOISTS-ELECTRICAL HOISTS	AGENT	GAYLIN INTERNATIONAL PTE LTD
L	PM1310400 MECHANICAL-WINCHES/HOISTS-CHAIN BLOCK/TROLLEY	AGENT	GAYLIN INTERNATIONAL PTE LTD
L	PV1020100 VALVES-GATE VALVES-LESS THAN 50 MM	AGENT	AUSTRALIAN PIPELINE VALVE
L	PV1020200 VALVES-GATE VALVES-GREATER THAN 50 MM	AGENT	AUSTRALIAN PIPELINE VALVE
L	PV1030100 VALVES-CHECK VALVES-LESS THAN 50 MM	AGENT	AUSTRALIAN PIPELINE VALVE
L	PV1030200 VALVES-CHECK VALVES-GREATER THAN 50 MM	AGENT	AUSTRALIAN PIPELINE VALVE
L	PV1030300 VALVES-CHECK VALVES-DUO CHECK VALVES	AGENT	ADVANCE VALVES GLOBAL
L	PV1040100 VALVES-GLOBE VALVES-LESS THAN 50 MM	AGENT	AUSTRALIAN PIPELINE VALVE
L	PV1040200 VALVES-GLOBE VALVES-GREATER THAN 50 MM	AGENT	AUSTRALIAN PIPELINE VALVE
L	PV1050000 VALVES-BUTTERFLY VALVES	AGENT	ADVANCE VALVES GLOBAL
L	PV1130000 VALVES-VALVES LOCKING/INTERLOCKING DEVICES-	AGENT	ISS-HAAKE LTD
L	PM1060100 MECHANICAL-MARINE ACC-SHACKLES	DEALER	Not Applicable (N/A)
L	PS1040300 SAFETY&PROTECT SYST-FIRE FIGHTING EQUIP -DELUGE/SPRINKLER	DEALER	Not Applicable (N/A)
L	PS1041100 SAFETY&PROTECT SYST-FIRE FIGHTING EQUIP -FIRE MONITORS	DEALER	Not Applicable (N/A)
L	PS1040200 SAFETY&PROTECT SYST-FIRE FIGHTING EQUIP -CO2	DEALER	Not Applicable (N/A)
L	PS1040700 SAFETY&PROTECT SYST-FIRE FIGHTING EQUIP -FOAM COMPOUND	DEALER	Not Applicable (N/A)
L	PS1050700 SAFETY&PROTECT SYST-PROTECT EQUIP-HELICOPTER CRASH RESCUE	DEALER	Not Applicable (N/A)



**NAMA SYARIKAT** : ZERBINA ENGINEERING SDN BHD (1012312-W)  
**NO LESEN** : 1012312-W  
**TEMPOH SAH LESEN** : 24.09.2013 - 16.09.2016

**SYARAT KHAS LESEN**

ANNUAL AUDITED REPORT	Syarikat dikehendaki mengemukakan salinan Laporan Kewangan Tahunan yang telah diaudit bagi tahun berakhir 31 Julai 2013 dan kedudukan "shareholders' funds" hendaklah positif sebelum 01 Mei 2014. Kegagalan berbuat demikian akan mengakibatkan syarikat tidak lagi disenaraikan dalam "List of Licensed/Registered Companies (LLRC)" PETRONAS.
ANNUAL AUDITED REPORT	Syarikat dikehendaki mengemukakan salinan Laporan Kewangan Tahunan yang telah diaudit bagi tahun berakhir 31 Julai 2014 dan kedudukan "shareholders' funds" hendaklah positif sebelum 01 Mei 2015. Kegagalan berbuat demikian akan mengakibatkan syarikat tidak lagi disenaraikan dalam "List of Licensed/Registered Companies (LLRC)" PETRONAS.
ANNUAL AUDITED REPORT	Syarikat dikehendaki mengemukakan salinan Laporan Kewangan Tahunan yang telah diaudit bagi tahun berakhir 31 Julai 2015 dan kedudukan "shareholders' funds" hendaklah positif sebelum 01 Mei 2016. Kegagalan berbuat demikian akan mengakibatkan syarikat tidak lagi disenaraikan dalam "List of Licensed/Registered Companies (LLRC)" PETRONAS.
PRINCIPAL APPOINTMENT & AGREEMENT	Syarikat dikehendaki mengemukakan salinan surat perlantikan dan perjanjian agensi yang eksklusif daripada prinsipal AUSTRALIAN PIPELINE VALVE yang telah diperbaharui sebelum 20 Mei 2015 dan mengikut format yang ditetapkan oleh PETRONAS sepertimana yang dinyatakan di dalam Panduan Am. Kegagalan berbuat demikian akan mengakibatkan syarikat tidak lagi disenaraikan dalam "List of Licensed/Registered Companies (LLRC)" PETRONAS bagi bidang yang berkaitan.

**BIDANG-BIDANG LESEN / PENDAFTARAN**

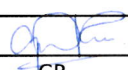


**BIDANG-BIDANG LESEN YANG DILULUSKAN  
(Approved License Categories)**

L/R	Kod Perkhidmatan / Bekalan (Service / Supplier Code)	Bentuk Operasi (Mode of Operation)	Nama Produk / Rig / Kapal (Bila Mana Berkaitan)	Tarikh Lulus / Masa	Tarikh Tamat
L	PC1060200 CHEMICALS-PAINT-INDUSTRIAL	DEALER	NOT APPLICABLE	17.09.2013 16:32:59	16.09.2016
L	PR1071100 ROTATING EQUIPMENT - SPECIAL PURPOSE PUMPS - HIGH PRESSURE WATER PUMP	DEALER	NOT APPLICABLE	24.09.2013 09:52:25	16.09.2016
L	PV1010100 VALVES - BALL VALVES - BALL VALVE LESS THAN 50 MM (NON-FIRESAFE)	AGENT	AUSTRALIAN PIPELINE VALVE	22.11.2013 11:08:58	16.09.2016
L	PV1010200 VALVES - BALL VALVES - BALL VALVE LESS THAN 50 MM (FIRESAFE FIRETESTED)	AGENT	AUSTRALIAN PIPELINE VALVE	22.11.2013 11:08:59	16.09.2016
L	PV1050100 VALVES - BUTTERFLY VALVES - CONCENTRIC BUTTERFLY VALVES (Reclassified from PV1050000-VALVES-BUTTERFLY VALVES)	AGENT	AUSTRALIAN PIPELINE VALVE	22.11.2013 11:08:57	16.09.2016
L	PV1070000 VALVES-CHOKE VALVES	AGENT	AUSTRALIAN PIPELINE VALVE	22.11.2013 11:08:58	16.09.2016
L	PV1080000 VALVES-NEEDLE VALVES (NON-INSTRUMENT)	AGENT	AUSTRALIAN PIPELINE VALVE	22.11.2013 11:08:57	16.09.2016
L	PV1100000 VALVES-PLUG VALVES	AGENT	AUSTRALIAN PIPELINE VALVE	22.11.2013 11:08:57	16.09.2016
L	SL2020100 LEASING & RENTAL-ROTATING EQUIPS LEASING/RENTAL	SELF-OPERATED	NOT APPLICABLE	22.11.2013 11:08:56	16.09.2016



# RECOMMENDED MANUFACTURER LIST (RML)

HESS OIL & GAS SDN. BHD.

00	04/03/2013	Issued for Implementation	 GR	 HB	 DA
Rev	Date	Revision	Originator	Checked	Approved
Document Number		MYA-GEN-POC-LTS-000-1001			



**This page is intentionally left blank.**



# TABLE OF CONTENTS

<b>A.</b>	<b>INTRODUCTION .....</b>	<b>4</b>
<b>B.</b>	<b>REQUIREMENTS.....</b>	<b>4</b>
<b>C</b>	<b>RECOMMENDED MANUFACTURER LIST.....</b>	<b>5</b>
1	PLANT & MACHINERY .....	5
2.	PIPING VALVES & PIPING SPECIALS.....	21
3	LINEPIPE & PIPING .....	26
4	INSTRUMENTATION .....	33
5	ELECTRICAL.....	63
6	TELECOMMUNICATIONS.....	74
7	FIRE AND SAFETY.....	81
8	STRUCTURAL STEEL.....	86
9	ARCHITECTURAL.....	89
10	PAINT.....	91



## A. INTRODUCTION

This document is developed to supplement the related CONTRACT, which need to be complied by the CONTRACTOR accordingly per the CONTRACT requirements.

This recommended manufacturer list is developed based on COMPANY and its associates previous experiences and lesson learnts within the region.

## B. REQUIREMENTS

CONTRACTOR shall comply with the requirements specified below:

- i. All equipment and major components of equipment manufactured outside of North America, Western Europe, Australia, Thailand, Malaysia, Singapore or Japan must be identified by CONTRACTOR as such and the manufacturer is subject to COMPANY's approval.
- ii. Raw materials from China, India and countries outside the above (item [i]) are not acceptable. However, well established manufacturers setting up branches in such countries will be considered and subject to COMPANY's approval.
- iii. CONTRACTOR shall use recommended manufacturers' components within equipment packages except where COMPANY's approval to use other manufacturer has been granted.
- iv. In order to minimise inventory of spare part and provide a consistent quality standard, CONTRACTOR shall standardise materials and equipment manufacturers and models as far as technically and commercially feasible between packages and main facilities.
- v. "CONTRACTOR to propose" as stated in the RML shall be subjected to COMPANY's approval.



**2. PIPING VALVES & PIPING SPECIALS**

ITEM	DESCRIPTION	MANUFACTURERS	REMARKS
2.1	PIPING VALVES		
2.1.1	Ball Valves (Piping)	Cameron, USA / France  Grove, Italy PBVS, Italy TK Valve, UK WKM, USA Ringo Valvulas, Spain Orbit, USA Valvitalia Flowserve Tyco FCT KTM, Japan Starline KF, USA La Valvomeccanica, Italy Petrolvalves, Italy Perar, Italy PBV, USA DAFRAM, Italy KUKA, South Korea LCM, Italy Velan, Italy Neles Jamesbury, Finland Babcock, Spain RBR Valvole, Italy Della Forge, Italy Kitz, Japan	<ul style="list-style-type: none"> <li>- Only for special application where all welded body is approved.</li> <li>- Part of Cameron, USA</li> <li>- Part of Cameron, USA</li> <li>- Part of Cameron, USA</li> <li>- Part of Cameron, USA</li> <li>- Part of Cameron, USA</li>   <li>- Part of Tyco</li> </ul>



		<p>Orsenigo, Italy Argus, Germany LVF SpA, Italy Valpro, Italy DHV Industries, USA Mir Valve, Malaysia</p> <p>Brooksbank Galperti Cornerstone Valve USA, LP OS Valve Co. Ltd. Frontier Valve International Ltd. FG Valvole S.R.I Italy ALFA Valvole S.R.I, Italy BSM Valves BV Bonney Forge, USA Della Foglia Valve, USA Australian Pipeline Valve</p>	<p>- Findings by F&amp;E team following site visit indicate the manufacturer has reasonable capability but very little track record (1 yr experience), and control issues on source of raw materials and outsourced parts of the work. May consider for CS and SS ball valves 6" and below / class 600# and below only.</p>
2.1.2	Gate, Globe, Valves (Piping)	<p>Crane, USA Velvan, USA Wheatley, USA Vogt, Germany Kitz, Japan PetrolValves William E. Williams Valve LVF, Italy</p>	