














**DETAIL OF MAJOR EXPERIENCE
LIST OF COMPLETED OIL & GAS CONTRACT FOR THE PAST 12 YEARS**

No.	Project No.	Project Name	Client	Scope of Work	Duration/Completion		Project Completion Schedule	Manhours Involved					
					Commence	Completion		Workpack Preparation	Procurement	Onshore Pre-Fabrication	Onshore HUC	Offshore HUC	As-built and Final Documentation
1.	NA	 Cakerawala Gas Field Development Project, Block A-18 MTJDA	Samsung Heavy Industries Co., Ltd. (Carigali-Triton Operating Company)	- Management of Onshore Pre-comm. / Commissioning - Preparation HUC Procedure/Work Packs - Management of Offshore Pre-comm./ Commissioning	May 2001	Dec 2002	Dec 2002	8500	0	0	0	12600	1250
2.	NA	 Conoco, Gas Gathering & Metering Station	CONOCO, Singapore	- Management and Commissioning of Gas Gathering & Metering Station	Feb 2003	Oct 2003	Oct 2003	0	0	0	12960	0	0
3.	NA	Vessel Conversion/Upgrade	MOSL, UK	- Management and Commissioning	Jul 2003	Apr 2005	Apr 2005	0	0	0	8900	0	0
4.	NA	 Provision of Re-Test, Re-Comm. & Start-up of Cakerawala Gas Facilities at Block A-18 MTJDA	Best Wide Matrix (Carigali-Triton Operating Company)	- Offshore Re-Test, Re-Comm. & Start-up and Nitrogen-Helium Leak Testing	May 2004	Jan 2005	Jan 2005	3600	0	0	0	21600	1200
5.	NA	 EAST AREA Development Project	Samsung Heavy Industries Co., Ltd. (Exxonmobil)	- Onshore Nitrogen Leak Testing	Jul 2005	Aug 2005	Aug 2005	1200	0	0	4320	0	280
6.	NA	 EAST AREA Development Project	Technip Geoproduction(M) S/B (Exxonmobil)	- Onshore Nitrogen Leak Testing and Pressurization for Preservation	Aug 2005	Sep 2005	Sep 2005	168	0	0	1800	0	72
7.	NA	 West E-Drill Project	Samsung Heavy Industries Co., Ltd. (Smedvic)	- Provision of MC&C Program and Eng'g / Operation Services	Dec 2005	Jul 2007	Jul 2007	0	0	0	4576	0	0
8.	NA	 Enfield Area Development Project	Samsung Heavy Industries Co., Ltd. (Woodside)	- Onshore Nitrogen Leak Testing	Feb 2006	Mar 2006	Mar 2006	900	0	0	3360	0	168
9.	NA	 EPCC of Package 2 - Central Processing(CPF) for Thar Jath Development Project	Bestwide Matrix Sdn Bhd (WNPOC, Sudan)	- Onshore Pre-Comm. / Commissioning - Provision of MC/C System	Mar 2006	Aug 2006	Aug 2006	2400	0	0	19440	0	720






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10.	NA	 Kencana Bestwide Phase 2 Early Gas Brownfield Construction at Cakerawala Gas Facilities, Block A-18, MTJDA	Kencana Bestwide Sdn Bhd (Carigali-Hess Operating Company)	- Offshore Hook-up & Commissioning including N2/He Leak Testing	Aug 2006	Dec 2007	Dec 2007	7680	780	0	0	1210000	2400
11.	NA	 Kencana HL Sdn Bhd Provision of Mechanical Completion & Commissioning for Bumi, Bulan and Suria Gas Field Development	Kencana HL Sdn Bhd (Carigali-Hess Operating Company)	- Offshore Hook-up & Commissioning (Completed on Feb 2007) - N2/He Leak Testing (BMA & BLA) (Completed on Feb 2008)	Nov 2006	Feb 2007 & Feb 2008	Feb 2007 & Feb 2008	2880	320	0	0	5760	650
12.	NA	 PT. Saipem, Indonesia (BP) Provision of Nitrogen/Helium Leak Testing for Platforms for BP Tangguh Project	PT. Saipem, Indonesia (BP)	- Onshore Nitrogen/Helium Leak Testing and Pressurization for Preservation	Dec 2006	Feb 2007	Feb 2007	420	0	0	3800	0	168
13.	2008-LT-01	 Mushtari Engineering & Trading S/B (Exxonmobil) Provision of Nitrogen/Helium Leak Testing for Jerneh B Platforms	Mushtari Engineering & Trading S/B (Exxonmobil)	- Offshore Nitrogen/Helium Leak Testing	Apr 2008	Apr 2008	Apr 2008	92	0	0	0	600	32
14.	2008-LT-02	 Kencana HL Sdn Bhd Provision of Mechanical Completion & Commissioning for Bumi, Bulan and Suria Gas Field Development	Kencana HL Sdn Bhd (Carigali-Hess Operating Company)	- N2/He Leak Testing (SYA) (Completed on May 2008)	Apr 2008	May 2008	May 2008	76	0	0	0	460	32
15.	2008-LT-03	 J. Ray McDermott Asia Pacific Provision of Bolt Tightening & Nitrogen/Helium Leak Testing for Su Tu Vang Central Processing Platform	J. Ray McDermott Asia Pacific	- Flange Management & N2/He Leak Testing - Onshore	Jun 2008	Jul 2008	Jul 2008	630	120	0	4650	0	84






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16.	2008-LT-04	 Provision of Nitrogen/Helium Leak Testing for North Belut Wellhead Platforms - C & D	PT. Nippon Steel Batam Offshore Service (ConocoPhillips Indonesia Inc. Ltd)	- N2/He Leak Testing - Onshore	Jun 2008	Sep 2008	Sep 2008	450	0	0	4200	0	158
17.	2008-LT-05	 Provision of Services for PBJV Miri Offshore Works	PBJV Group Sdn. Bhd. Offshore Service Work	- Provide Services for Offshore Works	Jul 2008	Aug 2008	Aug 2008	0	150	0	600	58	0
18.	2009-LT-01	 Provision of Nitrogen/Helium Leak Testing for North Belut CPP Platforms	Geographe Energy Pty Ltd (ConocoPhillips Indonesia Inc. Ltd)	- N2/He Leak Testing - Onshore	Apr 2009	May 2009	May 2009	400	0	0	4620	0	171
19.	2009-LT-02	 Provision of Nitrogen/Helium Leak Testing Services for NEXUS Generic FPSO	Samsung Heavy Industries Co., Ltd. (NEXUS Floating Production Ltd.)	- N2/He Leak Testing - Onshore	Apr 2009	May 2009	May 2009	350	0	0	4230	0	156
20.	2009-LT-04	 Provision of Nitrogen/Helium Leak Testing for North Belut WHP-C & WHP-D And CPP Platforms	PT. Nippon Steel Construction Indonesia (ConocoPhillips Indonesia Inc. Ltd)	- N2/He Leak Testing - Offshore	Jul 2009	Jan 2010	Jan 2010	1500	0	0	0	21600	380
21.	2010-LT-01	 Provision of Bolt Tightening & Nitrogen/Helium Leak Testing of Wellhead B Platform for Su Tu Den North East Development Project	PTSC Mechanical & Construction Co., Ltd	- Flange Management & N2/He Leak Testing - Onshore	Feb. 2010	Mar 2010	Mar 2010	210	0	0	1260	0	120

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22.	2010-LT-02	 Provision of Nitrogen/Helium Leak Testing for Chim Sao WHRPs Topside Premier Oil Vietnam Offshore	PTSC Mechanical & Construction Co., Ltd	- N2/He Leak Testing - Onshore	Mar 2010	Mar 2010	Mar 2010	30	0	0	252	0	20
23.	2010-LT-11	 Provision of Nitrogen Snoop Leak Testing for Dulang-B Platform Petronas Carigali Sdn Bhd	Shapadu Corporation Sdn Bhd (Petronas Carigali Sdn Bhd)	- N2 Snoop Testing - Offshore	Oct 2010	Nov 2010	Nov 2010	120	0	0	0	658	0
24.	2010-BT-12	 Provision of Bolt Tightening for Dulang-B Platform Petronas Carigali Sdn Bhd	Shapadu Corporation Sdn Bhd (Petronas Carigali Sdn Bhd)	- Flange Management - Offshore	Oct 2010	Nov 2010	Nov 2010	0	0	0	0	660	0
25.	2010-OT-07	 Provision of Operating Philosophy, Operating & Maintenance Manual Including Training Plan and Commissioning Supervision Services for Minas Surfactant Project, SFT-2 PT. Chevron Pacific Indonesia	PT. Technip Indonesia (PT. Chevron Pacific Indonesia)	- Management and Commissioning - Onshore	Dec 2010	Nov 2012	Nov 2012	736	0	0	16237	0	0
26.	2010-HT-23	 Provision of Hydrotesting Services for Platong Central Processing Platform 2 (PLCPP2)	Geographe Energy Pty Ltd (Chevron Thailand Exploration & Production Ltd)	- Hydrotesting Services - Onshore	Dec 2010	Mar 2011	Mar 2011	1500	0	0	5916	0	120







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27.	2010-LT-04	 Provision of Flange Management & Nitrogen / Helium Leak Testing Services for Platong Central Processing Platform 2 (PLCPP2) Chevron Thailand Exploration & Production Ltd	Chevron Thailand Exploration & Production Ltd	- F.M & N2/He Leak Testing - Onshore - F.M & N2/He Leak Testing - Offshore	Jan 2011 May 2011	Mar 2011 Sep 2011	Mar 2011 Sep 2011	1500 720	0 0	0 0	1500 0	0 17280	480 340
28.	2010-MC-14	 Provision of HUC Manpower Supply for Bongkot Field Development Project Phase 4A PTT Exploration and Production	Hyundai Heavy Industries Co., Ltd. (PTT Exploration & Production)	- Hook-Up Commissioning Services - Offshore	Aug 2011	Feb 2012	Feb 2012	0	0	0	0	159900	0
29.	2010-LT-22	 Provision of Nitrogen / Helium Leak Testing Services for Bongkot Field Development Project Phase 4A PTT Exploration and Production	Hyundai Heavy Industries Co., Ltd.	- N2/He Leak Testing - Onshore - N2/He Leak Testing - Offshore	Apr 2011 Oct 2011	July 2011 Jan 2012	July 2011 Jan 2012	1500 0	0 0	0 0	9969 0	0 10350	120 200
30.	2011-OT-02	 Provision of Consultancy Services for Gendalo Gahem FPU Project	PT. Technip Indonesia (PT. Chevron Pacific Indonesia)	- Management and Commissioning - Onshore	Mar 2011	Apr 2012	Apr 2012	480	0	0	0	0	0
31.	2011-MC-07	 Provision of Comm. & Completion Management System ("CMS") for LNG Regasification Unit, Island Berth Berth And Subsea Pipeline of the LNG Regasification Facilities Project	Ranhill Worley (Petronas Gas Berhad)	- Management System - Onshore	Aug 2011	Jun 2013	Jun 2013	1790	0	0	2833	0	117

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32.	2011-MC-08	Petrofac Provision of Commissioning Services for Cendor MOPU M1 Gas Lift Package	Tanjung Petroconsult Sdn Bhd (Petrofac Malaysia (PM304) Limited)	- Commissioning - Onshore - Commissioning - Offshore	Sept 2011 Nov 2011	Feb 2012 Feb 2012	Feb 2012 Feb 2012	191 0	0 0	0 0	0 0	0 1306	16 0
33.	2011-LT-09	Petrofac Provision of Nitrogen (Snoop) Leak Testing Services for Cendor MOPU M1 Gas Lift Package	Tanjung Petroconsult Sdn Bhd (Petrofac Malaysia (PM304) Limited)	- N2/He Leak Testing - Offshore	Nov 2011	Feb 2012	Feb 2012	120	0	0	0	1634	0
34.	2011-BT-10	Petrofac Provision of Flange Management Services for Cendor MOPU M1 Gas Lift Package	Tanjung Petroconsult Sdn Bhd (Petrofac Malaysia (PM304) Limited)	- Flange Management - Offshore	Nov 2011	Feb 2012	Feb 2012	0	0	0	0	2770	0
35.	2011-HT-11	Petrofac Provision for Supply of Hydrotesting for Cendor MOPU M1 Gas Lift Package	Tanjung Petroconsult Sdn Bhd (Petrofac Malaysia (PM304) Limited)	- Hydrotesting - Offshore	Dec 2011	Feb 2012	Feb 2012	112	0	0	0	464	0
36.	2012-MC-04	Petrofac Provision of Commissioning Services for Cendor Phase 2 (CP2) Platform B	Petrofac Malaysia (PM304) Limited	- Commissioning - Onshore - Commissioning - Offshore	Mar 2012 Sep 2012	Sep 2012 Dec 2012	Sep 2012 Dec 2012	220 150	0 0	0 0	8828 0	0 5565	350 250
37.	2012-MC-05	Petrofac Provision of Commissioning Services for Berantai Project	Petrofac South East Asia Pte Ltd	- Commissioning - Onshore	Mar 2012	Jul 2012	Jul 2012	0	0	0	1683	0	0

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38.	2010-LT-24	 Provision of Flange Management & Nitrogen/Helium Leak Testing of Wellhead Platform for Su Tu Trang Project	PTSC Mechanical & Construction Co. Ltd	- F.M & N2/He Leak Testing - Onshore	Mar. 2012	Apr 2012	Apr 2012	210	0	0	588	0	120
39.	2012-MC-05A 2012-MC-05B	 Supply of Commissioning Services for Berantai Project	Petrofac Energy Developments Sdn Bhd	- Commissioning - Onshore - Commissioning - Offshore	May 2012 Jul 2012	Nov 2012 Nov 2012	Nov 2012 Nov 2012	0 0	0 0	0 0	2066 0	0 2153	0 0
40.	2012-MC-07	 The Provision of Technical Support Services for Block 12W Field Development FPSO, Vietnam	Premier Oil Vietnam Offshore B.V.	- Technical Support Services for Key FPSO Systems and Equipment Review	Jul 2012	Sep 2012	Sep 2012	150	0	0	102	190	246
41.	2012-MC-09	 Provision of Commissioning Services for SHWE Field Development Project	Daewoo E&P / Daewoo International Corp.	- Commissioning - Onshore - Commissioning - Offshore	Jul 2012 Dec 2012	Nov 2012 Jul 2013	Nov 2012 Jul 2013	120 100	0 0	0 0	3080 0	0 4656	0 150
42.	2012-LT-16	 Provision of Nitrogen / Helium Leak Testing for SHWE Field Development Project	Hyundai Heavy Industries Co., Ltd.	- N2/He Leak Testing - Onshore - N2/He Leak Testing - Offshore	Aug 2012 Jan 2013	Oct 2012 Aug 2013	Oct 2012 Aug 2013	120 350	0 0	0 0	3300 0	0 13722	150 250
43.	2012-MC-23	 Provision of Commissioning Services for West Desaru MOPU Project	Petrofac Malaysia (PM304) Limited	- Commissioning - Onshore - Commissioning - Offshore	Sep 2012 Jun 2013	Jun 2013 Jul 2013	Jun 2013 Jul 2013	450 250	0 0	0 0	11343 0	0 2712	350 150

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44.	2012-BT-30	Petrofac Provision of Flange Management for Berantai Project	Petrofac Energy Developments Sdn Bhd	- Flange Management - Offshore	Sep 2012	Nov 2012	Nov 2012	100	0	0	0	1138	0
45.	2012-LT-24	Petrofac Provision of Nitrogen-Snoop Leak Testing, Flange Management, Hydraulic Oil Flushing Services for Cendor Phase 2 (CP2) Project	Petrofac Malaysia (PM304) Limited	- N2/He Leak Testing - Offshore - Flange Management - Offshore - Hydraulic Oil Flushing - Offshore	Nov 2012 Nov 2012 Dec 2012	Dec 2012 Dec 2012 Dec 2012	Dec 2012 Dec 2012 Dec 2012	210 40 40	0 0 0	0 0 0	0 0 0	1632 1156 384	120 0 12
46.	2012-BT-41	Petrofac Provision of Flange Management Services for West Desaru MOPU Project	Petrofac E&C Sdn Bhd	- Flange Management - Onshore	Dec 2012	Dec 2012	Dec 2012	18	0	0	48	0	0
47.	2012-MC-04A	Petrofac Provision of Commissioning Services for Cendor Phase 2 (CP2) FPSO	Petrofac Malaysia (PM304) Limited	- Commissioning - Onshore	Jan 2013						Project Currently in Progress		
48.	2013-MC-08A	HESS Provision of Verification Services for all FPSO Systems & Equipment Review for North Malay Basin EPS Project	EP Engineering Sdn Bhd (HESS Oil & Gas Kuala Lumpur)	- Provide Verification of Systems Readiness and Completion - Onshore	Apr 2013	May 2013	May 2013	100	0	0	1690	0	40
49.	2012-MC-39	PETRONAS CARIGALI Provision of Onshore Commissioning & Offshore HUC for Bukit Tua Ketapang Development, Indonesia	PT Technip Indonesia (Petronas Carigali Indonesia)	- Pre-Comm & Comm - Onshore - Pre-Comm & Comm - Onshore (2nd Campaign)	May 2013 May 2014	Dec 2013 Jul 2014	Dec 2013 Jul 2014	1500 0	0 0	10863 0	0 22753	0 0	500 0

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50.	2013-LT-01	 Provision of Nitrogen and Helium Leak Test for Barzan Project	Hyundai Heavy Industries Co., Ltd. (Ras Gas Company Limited)	- N2/He Leak Test - Offshore	Feb 2014			Project Currently in Progress					
51.	2013-MC-08B	 Provision of Lead Commissioning Services for North Malay Basin EPS Project	PetroHorizon Sdn Bhd (HESS Exploration & Production Malaysia B.V.)	- Commissioning - Onshore	Jul 2013	Mar 2014	Mar 2014	0	0	1016	0	0	0
52.	2012-MC-23	 Provision of Commissioning Services for West Desaru MOPU Project	Petrofac Malaysia (PM304) Limited	- Commissioning - Onshore	Aug 2013			Project Currently in Progress					
53.	2013-LT-31	 Provision of Flowlines Leak Testing for SHWE Field Development Project	Hyundai Heavy Industries Co., Ltd.	- N2/He Leak Testing - Offshore	Oct 2013	Dec 2013	Dec 2013	0	0	0	0	720	0

Note : Above manhours has counted MCCS direct manpower only.