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Projects in January 2022

Division	Client	Location	Job Description	Execution Date
HPAM	Maysville	HPA, Malaysia	IE Training - 5 Personnel	Jan 2022

Projects in February 2022

Division	Client	Location	Job Description	Execution Date
HPAB	Oxiteno Oxidos I/II	Camaçari, Brazil	dP - Tubular Reactors	Feb 2022
HPAB	SBM Offshore	CdP FPSO, Offshore Brazil	OCH - Molsieve Vessel	Jan/Feb 2022
HPAI	AMPCO	Malabo, Equatorial Guinea	CH + Unipac - Reformer	Feb 2022

Projects in March 2022

Division	Client	Location	Job Description	Execution Date
HPAB	Petrobras REPLAN	Paulínia - São Paulo, Brazil	CH - HDS Reactor	Mac 2022
HPAI	AMPCO	Malabo, Equatorial Guinea	CH - Desulphurizer	Feb/Mac 2022
HPAM	Newwin	PPTSB Kertih, Malaysia	CH - TA 2022: Platformer/CCR (R-22301/2/3/4 & R22351, V22355/7/8), NHT Reactor (R-22201) & MRU Adsorber Reactors (R-22102/3)	Feb/Mac 2022
HPAM	Dialog	PRefChem Pengerang, Malaysia	Unipac 2.0 - HPU-1/3 Reformer	Feb/Mac 2022
HPAM	CRAM	PPTSB Kertih, Malaysia	Hydropac - CRU Reactors (C-1106/7/8)	Mac 2022
HPAM	CRAM	Lotte Chemical Titan Pasir Gudang, Malaysia	Video Camera Rental - Heat Exchanger	Mac 2022

Projects in April 2022

Division	Client	Location	Job Description	Execution Date
HPAS	SRC	Jurong Island, Singapore	CH - Hydrotreating Reactor (4301-D) & Hydrocracking Reactor (4302-D)	Mac/Apr 2022
HPAI	Haldor Topsoe	Pertamina Balongan, Indonesia	Hydropac - GO HTU Reactor	Apr 2022
HPAM	HRSB	MRCSB Melaka, Malaysia	CH - Activated Carbon Filter (A-51221-V2)	Apr 2022
HPAM	Tygren	Repsol - BR-E Platform, Offshore Peninsular Malaysia	OCH - Carbon Guard Bed (8F-9140)	Apr 2022
HPAM	Maysville	MLNG Module 6, Malaysia	IE Team - MRU Absorber (6C-2351)	Apr 2022
HPAM	Maysville	MLNG Module 9, Malaysia	IE Team - Coalescer Filter (9V-91105A)	Apr 2022

Projects in May 2022

Division	Client	Location	Job Description	Execution Date
HPAB	SBM Offshore	CdM FPSO, Offshore Brazil	OCH - 2 Molsieve Vessels	May 2022
HPAB	SBM Offshore	CdP FPSO, Offshore Brazil	OCH - 3 MRU Vessels	May 2022
HPAI	Frames	P-71 FPSO, Aracruz Brazil	Initial Loading - 3 GDU Dryers	May 2022

Projects in June 2022

Division	Client	Location	Job Description	Execution Date
HPAB	Petrobras	P-66 FPSO, Offshore Brazil	OCH - 2 Molsieve Vessels	Jun 2022
HPAB	SBM Offshore	CdM FPSO, Offshore Brazil	OCH - 2 Molsieve Vessels	Jun/Jul 2022
HPAI	Petronas	MRC Melaka, Malaysia	CH + Hydropac - TA 2022 (Package C): HCK Unit	May/ Jun 2022
HPAM	HRSB	MRCSB Melaka, Malaysia	CH - Various Vessels	Jun 2022
HPAM	Dialog	MRC Melaka, Malaysia	CH - TA 2022 (Package B-Main): MG3 Reactor (R-1901) & DHT3 Reactor (R-4101)	May/ Jun 2022
HPAM	Dialog	MRC Melaka, Malaysia	Hydropac - TA 2022 (Package A): DHT2 Reactor (R-29201)	Jun 2022
HPAM	Dialog	MRC Melaka, Malaysia	Hydropac - TA 2022 (Package B-Main): MG3 Reactor (R-1901) & DHT3 Reactor (R-4101)	Jun 2022
HPAM	Dialog	MRC Melaka, Malaysia	Unipac - TA 2022 (Package B-Main): HPU3 Reformer (F-4301)	Jun 2022
HPAM	Dialog	MRC Melaka, Malaysia	CH - TA 2022 (Package B-Main): HPU3 Sulfur Absorber & HTS Converter (R-4301/2)	May/ Jun 2022

Projects in July 2022

Division	Client	Location	Job Description	Execution Date
HPAS	Arlanxeo	Jurong Island, Singapore	CH - IB Reactors (25CA102)	Jul 2022
HPAB	SBM Offshore	CdM FPSO, Offshore Brazil	OCH - 2 Molsieve Vessels	Jun/Jul 2022
HPAB	Oxiteno Oxidos I/II	Camaçari, Brazil	dP - Tubular Reactors	Jul 2022
HPAM	Tygren	Repsol - BR-E Platform, Offshore Peninsular Malaysia	Offshore Loading ONLY - Memguard Vessels (8F-9030D)	Jul 2022
HPAM	Maysville	MLNG Module 5, Malaysia	Hydropac - Molsieve Driers (5C-2301 A/B/C/D)	Jun/Jul 2022
HPAM	Hydrise Solution	Pegaga ICPP Mubadala Petroleum SK320 - Offshore Sarawak, Malaysia	OCH - Gas MRU Vessels (VA-2510 A/B)	Jun/Jul 2022

Projects in August 2022

Division	Client	Location	Job Description	Execution Date
HPAI	Nippon Ketjen	Ampol Lytton Queensland, Australia	Supervision Inspection - DHTU-1 Reactor	Aug 2022
HPAM	BoilerMaster	HRC Port Dickson, Malaysia	IE Team - Euro-IV (M) Project (R-5302)	Jul/Aug 2022

Projects in September 2022

Division	Client	Location	Job Description	Execution Date
HPAS	Linde Gas	Jurong Island, Singapore	CH - Carbon Bed (5204B)	Sep 2022
HPAB	Altera & Ocyan	Pioneiro de Libra FPSO, Offshore Brazil	OCH - 3 Molsieve Vessels	Sep 2022
HPAI	Mipcon	Pertamina Balikpapan, Indonesia	CH + Hydropac - HCU Reactors (C-3-03A/B)	Aug/Sep 2022
HPAM	Tygren	Hibiscus - BR-E Platform, Offshore Peninsular Malaysia	Carbon Guard Bed (8F-9140)	Sep 2022
HPAM	Maysville	MLNG Module 2 Bintulu, Malaysia	Hydropac - Molsieve Driers (2C-1301 A/B/C/D)	Sep 2022

Projects in October 2022

Division	Client	Location	Job Description	Execution Date
HPAS	ExxonMobil	PAC, Singapore	CH - ZnO Bed Reactor (R-3203)	Oct 2022
HPAB	Petrobras REPAR	Araucária - Paraná, Brazil	CH - U-2600 - Reformer- F2601 and Reactors R-328301/02/03/04	Aug/Sep/Oct 2022
HPAB	Modec	MV-27 FPSO, Offshore Brazil	OCH - 4 Molsieve Vessels (Part 1)	Oct 2022
HPAI	Mipcon	PHE Jambi Merang, Indonesia	CH - Dehydration Vessels (SK-30-V-01A/B)	Oct 2022
HPAM	Tygren	Hibiscus - BR-E Platform, Offshore Peninsular Malaysia	OCH - Memguard Vessels (Unloading ONLY)	Sep/Oct 2022
HPAM	ISS O&G	Hess - Kangsar WHP Offshore Peninsular Malaysia	Offshore Initial Loading - Mercury Absorber Vessel (24076-V-02)	Oct 2022

Projects in November 2022

Division	Client	Location	Job Description	Execution Date
HPAB	Modec	MV-29 FPSO, Offshore Brazil	OCH - 3 Molsieve Vessels (Part 1)	Nov/Dec 2022
HPAB	PRIO	Bravo FPSO, Offshore Brazil	Initial Loading - 1 H2S Adsorber	Nov 2022
HPAI	Nippon Ketjen	PTTGC-6 Rayong, Thailand	Supervision Inspection - HDS Reactor	Nov 2022
HPAI	Linde Engineering	Pertamina Balongan, Indonesia	Hydropac - 12 x PSA Vessels	Oct/Nov 2022
HPAM	BEG	PRefChem Pengerang, Malaysia	Sieving Machine Rental - ???	Nov 2022

Projects in December 2022

Division	Client	Location	Job Description	Execution Date
HPAB	PRIO	Bravo FPSO, Offshore Brazil	OCH - 1 H2S Adsorber	Dec 2022
HPAB	Modec	MV-29 FPSO, Offshore Brazil	OCH - 3 Molsieve Vessels (Part 2)	Dec 2022

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Projects in January 2021

Division	Client	Location	Job Description	Execution Date
HPAI	HRSB	MRC Melaka, Malaysia	CH - Demin Vessel (V-51214)	Jan 2021
HPAI	Linde via CB	HRC Port Dickson, Malaysia	DL Unipac - Reformer (86-F-8601)	Jan 2021
HPAI	Petronas	MRC Melaka, Malaysia	CH+Unipac - Reformer (F-4301)	Jan 2021

Projects in February 2021

Division	Client	Location	Job Description	Execution Date
HPAS	Arlanxeo	Jurong Island, Singapore	Packing Removal - Hexane Purification Column (25KA200)	Jan/Feb 2021
HPAS	Arlanxeo	Jurong Island, Singapore	Internal Cleaning - Hexane Drying Column (26KA300)	Jan/Feb 2021
HPAS	Arlanxeo	Jurong Island, Singapore	Internal Tray Removal - Hexane Drying Column (26KA300)	Feb 2021
HPAB	SBM Offshore	CdS FPSO, Offshore Brazil	OCH - 3 Molsieve Vessels (Part 2)	Feb 2021
HPAB	AGRO	Bahia, Brazil	CH - Desulphurizer (108D) & HTS Converter (104DA)	Feb 2021
HPAI	HRSB	MRC Melaka, Malaysia	CH - (A-51221-V3)	Jan 2021
HPAI	HRSB	MRC Melaka, Malaysia	CH - (A-51221-V1)	Jan 2021
HPAI	Linde via CB	HRC Port Dickson, Malaysia	DL Unipac - Reformer (86-F-8601)	Feb 2021

Projects in March 2021

Division	Client	Location	Job Description	Execution Date
HPAS	Arlanxeo	Jurong Island, Singapore	Packing Removal - Hexane Purification Column (25KA200)	Feb/Mac 2021
HPAS	YuhanTech	Shell Chemical Seraya, Singapore	CH - MEG Reactor	Mac 2021
HPAB	AGRO	Bahia, Brazil	CH - Desulphurizer (108D) & HTS Converter (104DA)	Feb/Mac 2021
HPAB	AGRO	Bahia, Brazil	CH - Additional Reactors	Mac 2021
HPAI	CRAM	Petron Port Dickson, Malaysia	Hydropac - Distillate Unionfining Reactor (R-4301)	Mac 2021
HPAI	Mipcon	Pertamina Balongan, Indonesia	CH - Reactor (31-R-101)	Mac 2021
HPAM	CRAM	Petron Port Dickson, Malaysia	IE Team - Distillate Unionfining Reactor (R-4301)	Mac 2021
HPAG	IKR	Grupa Lotos Gdańsk, Poland	Supervision - Reformer	Mac 2021

Projects in April 2021

Division	Client	Location	Job Description	Execution Date
HPAB	Oxiteno Oxidos I/II	Camaçari, Brazil	dP - 2 Tubular Reactors	Mac/Apr 2021
HPAI	Mipcon	Medco Belanak FPSO Natuna, Indonesia	OCH - MGB (24-MBK-002)	Apr 2021
HPAI	GS Caltex	Yeosu, Korea	Hydropac - HCU - 1st Stage 1st Reactor (512-C-103), 1st Stage 2nd Reactor (512-C-104) & 2nd Stage Reactor (512-C-108) BOP - DW Reactor (522-C-102) & HDF Reactor (522-C-103)	Mac/Apr 2021
HPAI	ART Grace	SK Energy Ulsan, Korea	Hydropac - UC Unit - HTR Reactor (R-2101) & HCR Reactor (R-2103)	Mac/Apr 2021
HPAM	Hydrospeed	BASF Gebeng & Optimal Kertih, Malaysia	ITC Rental	Mac/Apr 2021
HPAG	IKR	MOL Százhalombatta, Hungary	Supervision - Multiple Reactors	Apr 2021

Projects in May 2021

Division	Client	Location	Job Description	Execution Date
HPAS	Linde Gas	Jurong Island, Singapore	CH - HDS Reactor (21003R004)	May 2021
HPAI	Catalyst Services	SAPREF Durban, South Africa	Hydropac - HDS 1 (R-201B) & HDS 2 (R-6351)	May 2021
HPAG	IKR	Borealis - Ottmarsheim, France	Supervision - Multiple Reactors	Apr/May 2021

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Projects in June 2021

Division	Client	Location	Job Description	Execution Date
HPAB	Elekeiroz	Várzea Paulista, Brazil	CH - MAn Plant Reactor	Jun 2021
HPAI	BMC	Sungai Liang, Brunei	CH + Unipac - Steam Reformer (F-1201)	Jun 2021
HPAI	Ecogreen Oleochemicals	Batam, Indonesia	CH - EOB1 Reactor (105 D01)	Jun 2021
HPAM	BEG	Idemitsu Pasir Gudang, Malaysia	CH - Dehydrogenation Reactors	Jun 2021
HPAG	IKR	Grupa Azoty Tarnow, Poland	Supervision - Reformer	May/Jun 2021
HPAG	IKR	MOL Százhalombatta, Hungary	Supervision - Multiple Reactors	May/Jun 2021

Projects in July 2021

Division	Client	Location	Job Description	Execution Date
HPAB	Petrobras REPLAN	Paulínia - São Paulo, Brazil	CH - COS & Arsine Removal Drum (V-9711)	Jul 2021
HPAM	Maysville	MLNG M4 Bintulu, Malaysia	CH - Module 4 Dryers	Jul 2021

Projects in August 2021

Division	Client	Location	Job Description	Execution Date
HPAS	Arlanxeo	Jurong Island, Singapore	CH - IB Reactors (25CA101)	Aug 2021
HPAS	Linde Gas	Jurong Island, Singapore	CH - Argon Driers (TK-01012 A/B)	Aug 2021
HPAI	Ecogreen Oleochemicals	Batam, Indonesia	CH - EOMB Reactor (207 D01)	Aug 2021
HPAM	Dialog	PRefChem Pengerang, Malaysia	Hydropac - ARDS Reactors 1212-R103/R104	Jul/Aug 2021

Projects in September 2021

Division	Client	Location	Job Description	Execution Date
HPAB	Petrobras REPLAN	Paulínia - São Paulo, Brazil	CH - 1st HDT Reactor (R-428301B)	Aug/Sep 2021
HPAI	Mipcon	DSLNG Luwuk Sulawesi, Indonesia	CH - Dehydration Drum	Aug/Sep 2021
HPAI	Mipcon	Pertamina Hulu Energi Jambi Merang, Indonesia	CH - Dehydration Vessels (SK-30-V-01A/B), Gas MRU (SK-18-V-01A) & Condensate MRU (SK-18-V-02A)	Sep 2021
HPAM	Maysville	MLNG M1 Bintulu, Malaysia	Hydropac - Module 1 Dryers (1C-1301A/B/C/D)	Sep 2021

Projects in October 2021

Division	Client	Location	Job Description	Execution Date
HPAS	PEC Engineering	VIS Tampines, Singapore	CH - Molsieve Dryers (A-2626 A/B)	Oct 2021
HPAB	LWART	Lençóis Paulista / SP, Brazil	CH - 4 Reactors	Oct 2021

Projects in November 2021

Division	Client	Location	Job Description	Execution Date
HPAS	Linde Gas	Jurong Island, Singapore	CH - SRU (F-6102)	Nov 2021
HPAB	SBM Offshore	CdM FPSO, Offshore Brazil	OCH - 2 Molsieve Vessels (Part 1)	Oct/Nov 2021
HPAI	Mipcon	Pertamina Balongan, Indonesia	CH - ARDHM Reactors (12-R-101/102/103)	Oct/Nov 2021
HPAI	Mipcon	Pertamina Cilacap, Indonesia	Hydropac - Distillate Ecofining Reactor (018R101)	Nov 2021
HPAI	AMPCO	Malabo, Equatorial Guinea	Site Visit - Reformer & Desulphurizer	Nov 2021
HPAM	CB	KLK Oleomas Pulau Indah, Malaysia	CH - Hydrogenation Reactors (2-R01 A/B & 2-R02 A/B)	Oct/Nov 2021

Projects in December 2021

Division	Client	Location	Job Description	Execution Date
HPAS	Linde Gas	Jurong Island, Singapore	CH - Argon Deoxidation Reactor (TK-01011)	Dec 2021

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Projects in February 2020

Division	Client	Location	Job Description	Execution Date
HPAI	Golar Management Norway	Hilli Episeyo FLNG, Offshore Cameroon	Site Visit - Amine Charcoal Filters (21-U-002/4)	Feb 2020

Projects in March 2020

Division	Client	Location	Job Description	Execution Date
HPAI	UBF	MRC Melaka, Malaysia	Vac + Operator - V-23207	Mac 2020
HPAI	Dialog	MRC Melaka, Malaysia	DL Hydropac - ISOM Rx	Feb/Mac 2020
HPAI	Mourik Aruba	Axion Energy Campana, Argentina	DL Hydropac - DUP Unit - HDT (R-701/2)	Feb/Mac 2020
HPAI	Nico	KNPC MAB, Kuwait	DL Hydropac - 2 x HCU	Mac 2020

Projects in April 2020

Division	Client	Location	Job Description	Execution Date
HPAI	UBF	MRC Melaka, Malaysia	Vac + Operator - V-23205A	Apr 2020

Projects in May 2020

Division	Client	Location	Job Description	Execution Date
HPAI	MZZE	MRC Melaka, Malaysia	Vac + Operator - V-1338	May 2020

Projects in June 2020

Division	Client	Location	Job Description	Execution Date
HPAS	Arlanxeo	Jurong Island, Singapore	CH - IB Reactor (25CA102)	Jun 2020
HPAI	MZZE	MRC Melaka, Malaysia	Vac + Operator - V-1309	Jun 2020
HPAI	Ecogreen Oleochemicals	Batam, Indonesia	CH - Reactor (105D10)	Jun 2020

Projects in July 2020

Division	Client	Location	Job Description	Execution Date
HPAS	Sankyu	PCS Jurong Island, Singapore	CH - 2R-970B	Jun/Jul 2020
HPAB	LWART	São Paulo, Brazil	CH - Various Rx (Part 1)	Jul 2020
HPAI	Mourik Colombia	Ecopetrol Barrancabermeja, Colombia	DL Hydropac - GHU (R-4752)	Jul 2020

Projects in August 2020

Division	Client	Location	Job Description	Execution Date
HPAB	LWART	São Paulo, Brazil	CH - Various Rx (Part 2)	Aug 2020

Projects in September 2020

Division	Client	Location	Job Description	Execution Date
HPAB	LWART	São Paulo, Brazil	CH - Various Rx (Part 3)	Sep 2020
HPAI	Newwin	BSR Dung Quat, Vietnam	CH + DL Hydropac - BSR TA 2020 (NHT, CCR, Methanator, SRU)	Aug/Sep 2020
HPAI	Frames	Moravia Gas Storage Dambořice, Czech Republic	Initial Loading - Adsorber Vessels (V-27101/201/301 & V28101/201/301)	Aug/Sep 2020

Projects in October 2020

Division	Client	Location	Job Description	Execution Date
HPAS	SRC	Jurong Island, Singapore	CH - RCC ~~& 7101-D & 7602-B~~	Sep/Oct 2020
HPAB	Modec	MV-26 FPSO, Offshore Brazil	OCH - 3 Molsieve Vessels	Oct 2020
HPAI	Cesco (Part 2)	MRC via Hyundai Delima Project Melaka, Malaysia	CH + Unipac - Diesel Euro 5 Project (HPU)	Oct 2020
HPAI	HRSB	MTBE Kuantan, Malaysia	CH - TA (17 Rx)	Oct 2020
HPAI	Catalyst Services	Sapref Durban, South Africa	DL Hydropac - PENEX Reactor (R-501 A/B)	Oct 2020
HPAI	NSP	Pupuk Kujang Cikampek, Indonesia	DL Unipac - Primary Reformer Plant 1A	Oct 2020
HPAI	Cesco (part 1)	MRC via Hyundai Delima Project Melaka, Malaysia	CH - Diesel Euro 5 Project (Hydrogenator, HTS)	Oct/Nov 2020

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Projects in November 2020

Division	Client	Location	Job Description	Execution Date
HPAS	SRC	Jurong Island, Singapore	CH - Arsine Adsorber (9804-F)	Oct/Nov 2020
HPAB	Modec	MV-24 FPSO, Offshore Brazil	OCH - 2 Molsieve Vessels	Nov 2020
HPAB	SBM Offshore	CdS FPSO, Offshore Brazil	OCH - 3 Molsieve Vessels (Part 1)	Nov 2020
HPAI	UBF	MRC Melaka, Malaysia	Vac + Operator - V-23207	Nov 2020
HPAI	Cesco (Part 3)	MRC via Hyundai Delima Project Melaka, Malaysia	CH + Hydropac - Diesel Euro 5 Project (HDS)	Nov 2020
HPAI	Mipcon	Pertamina Dumai, Indonesia	CH - HCU Reactors (211-V-1,2,3 & 212-V-1,2,3)	Oct/Nov 2020
HPAI	Cesco	MRC via Hyundai Delima Project Melaka, Malaysia	CH - Diesel Euro 5 Project (PSA)	Nov 2020
HPAI	Mipcon	Patra SK Dumai, Indonesia	DL Hydropac - HDW Reactor (CD-R0201)	Nov 2020
HPAI	Cesco (part 2)	MRC via Hyundai Delima Project Melaka, Malaysia	CH - Diesel Euro 5 Project (Salt Dryer)	Oct/Nov 2020
HPAI	Mipcon	Pertamina Cilacap, Indonesia	CH + Hydropac - TDHT Reactor (018-R-101)	Nov 2020

Projects in December 2020

Division	Client	Location	Job Description	Execution Date
HPAI	HEC	MRC via Hyundai Delima Project Melaka, Malaysia	CH - Diesel Euro 5 Project (Amine Carbon Filter)	Dec 2020

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2019

Customer	Location	Description	Execution Date
Dialog	Rapid Pengerang, Malaysia	Hydropac Dense Loading ARDS Units	Jan 2019
Petrofac	Rapid Pengerang, Malaysia	Initial Loading 12 x SRU/Claus	Jan 2019
HRSB	MRC Melaka, Malaysia	V-28211 Clay Treater	Feb 2019
Ding Horng Industrial Co., Ltd.	FPCC @ Mailiao, Taiwan	Hydropac Dense Loading RDS#2	Mac 2019
Contract Resources Taiwan Co., Ltd.	FPCC @ Mailiao, Taiwan	Hydropac Dense Loading RDS#2	Mac 2019
ART LLC	Mailiao, Taiwan	Supervision/Inspection Services HDS-1 unit - 2 x Units @ FPCC	Mac 2019
Ecogreen Oleochemicals	Batam, Indonesia	Catalyst change-out EOB1 - Rx 105 D01 & Rx 105 D10	Mac 2019
HRSB	MRC Melaka, Malaysia	V-1309	Mac 2019
Mipcon	ExxonMobil Cepu, Indonesia	Catalyst change-out Claus unit	Mac 19
Petron	Bataan, Philippines	Catalyst change-out R6401A	Mac 19
Frames	P68 FPSO Aracruz, Brazil	Initial loading GRU Dryers	Mac 19
ABIS	Hadeed Jubail, KSA	Unipac DL for 2 x Reformers	Mac 19
Unidense	S-Oil Ulsan, South Korea	Hydropac DL for #2 HDS & #3 HDS units	Mac/Apr 19
HRSB	MRC Melaka, Malaysia	V-1605	Apr 2019
S-Oil	Ulsan, South Korea	Hydropac Dense Loading #2 & #3 HDS Units	Apr 2019
HRSB	MRC Melaka, Malaysia	V-1613	May 2019
ARLANXEO Singapore Pte Ltd	Jurong Island, Singapore	Catalyst change out 20CA100	May 2019
ASSS	PTT Asahi Rayong, Thailand	Catalyst change-out various reactors	May 19
Arlanxeo Singapore Pte Ltd	Jurong Island, Singapore	Catalyst Replacement Work for 25CA101	Jun 2019
Nippon Ketjen	CPC Refinery Taiwan	Catalyst Supervision	Jun 2019
SRC	Jurong Island, Singapore	Catalyst change out SRU 2 & 3	Aug 2019
HRSB	MRC Melaka, Malaysia	V-23207	Aug 2019
Frames	P70 FPSO Qingdao, China	Initial Loading GRU Dryers	Aug 2019
Chakra Bitara	PGB GPS Paka, Malaysia	GPP-5 Shutdown	Aug 2019
SRC	Jurong Island, Singapore	Catalyst Change-out SRU 2 & 3	Aug/Sep 2019
Sino TCC	Rapid Pengerang, Malaysia	Initial Loading 14 x INA Plant Reactors	Aug/Sep 2019
Ding Horng Industrial Co., Ltd.	FPCC @ Mailiao, Taiwan	Hydropac Dense Loading RDS#1	Oct 2019
Contract Resources Taiwan Co., Ltd.	FPCC @ Mailiao, Taiwan	Hydropac Dense Loading RDS#1	Oct 2019
SBM	Cde Ilhabela FPSO, Offshore Brazil	Catalyst Change-out Molsieve Dryers	Oct 2019
Dialog	PTTGC Rayong, Thailand	Hydropac Dense Loading - DHDS Rx	Oct 2019
SRC	Jurong Island, Singapore	Catalyst Change-out 201-D	Nov 2019
MRC	Melaka, Malaysia	Catalyst Change-out HCK Units	Nov 2019
MRC	Melaka, Malaysia	Catalyst Change-out DHT Units	Nov 2019
MRC	Melaka, Malaysia	Catalyst Change-out MG3 Units	Nov 2019
MRC	Melaka, Malaysia	Catalyst Change-out PSA Vessels	Nov 2019
NSRP	Nghi Son, Vietnam	Catalyst Change-out CCR Platformer Reactor & Pre-Reformer	Nov 2019

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2018

Customer	Location	Description	Execution Date
AYTB	KSA / SATORP Refinery	Catalyst Loading Supervision on DHC	Jan 2018
Arlanxeo Singapore Pte Ltd	Singapore / JI	Catalyst Replacement Work for 25CA101	Jan 2018
Frames / COOEC	Qingdao, China	Dockside Molecular Initial sieve loading works for 3 dryer vessels for P-67 FPSO	Jan 2018
HRSB	Petronas, Melaka	Clay Treater Change-out	Feb 2018
Contract Resources Australia / KNPC	Kuwait	Dense Load Services on HCR units V-84-100 & V-84-200	Feb 2018
Advanced Refining Technology LLC / SK Energy	Korea / Ulsan	Hydropac Catalyst Dense Loading HCU & HTU (2 Vessels)	Mac 2018
ARLANXEO Singapore Pte Ltd	Singapore / JI	Column tray cleaning and Packing replacement 26KA300 / 27KA400 / 52WS100 / 69WS500	Mac 2018
CRT	Taiwan	FPCC RDS unit 2019. Scope of work: Bed 2~ Bed 7 catalyst dense loading (R20 lower bed and R30/R40 upper and lower bed)	Mac 2018
Advanced Refining Technology LLC / SK Energy	Korea / Ulsan	Hydropac Catalyst Dense Loading HCU & HTU (2 Vessels)	Mac 2018
Frames	Dahlian, China	Initial loading P-75	Mac 2018
Frames	Dahlian, China	Initial loading P-75	Mac 2018
Grace/Advanced Refining Technologies LLC	Taiwan / FPCC	Supervision/Inspection Services HDS-2 unit - R2202A and R2202B	Apr 2018
ARLANXEO Singapore Pte Ltd	Singapore / JI	Un/Reload 6.7 cubic meter of weight 1608kg, rashig ring, BD Purification Column 22KA101	Apr 2018
HRSB	Polyethlyne, Paka	Dryer Change-out	Apr 2018
HRSB	Petronas, Melaka	Clay Treater Change-out	Apr 2018
Frames	Dahlian, China	Initial loading P-77	May 2018
Frames/Brasfels, Brazil	Brasfels, Brazil	Dockside loading works for 3 x GDU vessels for P-69 FPSO	May 2018
Frames	Dahlian, China	Initial loading P-77	May 2018
Frames	Brazil (Pontal de Parana), Petrobras	Initial loading P76	May 2018
Mourik Italia S.r.l / ENI Taranto	Punt Rondinella, Taranto, Italy	Hydropac Dense Loading HCR-R-4201, RDS-R-4121, RDS-R-4122, RDS-R-4123	Jul 2018
KPW Singapore Pte. Ltd.	Singapore / JI	Loading of Reformer 21101F01 at Evonik/LGS	Jul 2018
HRSB	Polyethlyne, Paka	Dryer Change-out	Jul 2018
HRSB	Petronas, Melaka	Clay Treater Change-out	Jul 2018
Linde Gas Singapore Pte Ltd	Singapore / JI	Catalyst Changeout 2xDriers / 2x HyCO adsorbers	Aug 2018
ARLANXEO Singapore Pte Ltd	Singapore	Regenerative Thermal Oxidation - [Saddle & Honeycomb removal/relacement Services]	Aug 2018
Arlanxeo Singapore Pte Ltd	Singapore / JI	Catalyst Replacement Work for 25CA102	Aug 2018
Grace/Art	Harbin, China	Loading Supervision	Sep 2018
PT MIPCON	Indonesia / Dumai (Pertamina)	Catalyst Replacement HCU 211-212 V-1,2,3	Sep 2018

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2018

Customer	Location	Description	Execution Date
Frames	Petrobras Brazil	Loading Supervision P76	Sep 2018
HRSB/PCFKSB	Kedah, Malaysia	COC HTS reactor	Sep 2018
SRC	Singapore / JI	Catalyst changeout + Internals upgrade 301 DA/DB & 7201-D	Sep/Oct 2018
Ding Horng	Taiwan	FPCC RDS - Dense Loading	Oct 2018
Cesco Pipeline Technologies	Singapore - JI, BASF	Vacuum Cleaning Activity - Dryer and Table Feeder	Oct 2018
Ding Horng (3 years-twice a year).	Taiwan	3 year contract (R-20 bottom bed, R-30 top+bottom bed, R-40 top+bottom bed)	Oct 2018
Petrofac / Rapid	Malaysia	Packing material and catalyst - various vessels	Oct 2018
MRCSB	Melaka, Malaysia	Skim HCK Guard Bed Rx	Oct 2018
Grace	FPCC Taiwan	Supervision/Inspection Services HDS-1 unit - 2 x Units	Nov 2018

REFERENCE LIST - HPA
2016 / 2017

Customer	Location	Description	Execution Date
PPMSB	Melaka, Malaysia	Catalyst change-out HCK	Feb 2016
Contract Resources (CRT)	Mailiao - Taiwan	Denseload Rx's	Jun 2016
Ding Horng	Mailiao - Taiwan	Denseload Rx's	Jun 2016
Pertamina Balongan	Indonesia	DL for ARDHM Reactor	Aug 2016
Lanxess	Singapore	UL and RL of 3 driers 1 x every 3mths (2nd	Aug 2016
Lanxess	Singapore	25CA102	Oct 2016
ART - Taiwan	Taiwan	Catalyst inspection	Feb 2017
Arlanxeo 2 Years Contract (2017/2018)	Singapore	25CA101 & 25CA102	Feb 2017
Sembcorp Marine Ltd	Singapore	New loading	Feb 2017
Rorher group - Poland	Poland	Catalyst dense loading	Mac 2017
Linde Gas Singapore Pte Ltd	Singapore / JI	Catalyst Changeout 2xDriers / 2x HyCO adsorbers	Apr 2017
WR Grace Trading	Taiwan / FPCC	Supervision on Adsorbent Loading Cracked Gas Drier, Ethylene & Propylene Driers	Sep 2017
Ding Horng	Taiwan / Formosa	RDS#1 Formosa - R3210, R3220, R3230, R3240. Dense Loading Services	Oct 2017
CRT / Simosa Oil Company	Taiwan / FPCC	Dense Loading Services for RDS#1 - R3210, R3220, R3230, R3240	Oct 2017
Advanced Refining Technologies LLC	Taiwan / FPCC	Inspection Services for VGO HDS Reactor R-2301	Nov 2017
Sankyu	Singapore / PCS	Catalyst change out 2R-750	Nov 2017
Frames / COOEC	Qingdao, China	Dockside Molecular Initial sieve loading works for 3 dryer vessels for P-67 FPSO	Nov/Dec 2017
HRSB	Petronas, Melaka	Vac and Operator supply	Dec 2017
AYTB	KSA / SATORP Refinery	Catalyst Loading Supervision on DHC	Dec 2017