

User Reference Listing



RAM PUMPS
Meeting The Toughest Challenges

RAM Ref.	Client	Contractor/ Location	Project	Pump Model	Application	Performance					Tag Number	Delivery Date
						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
016358S	LARSON & TOUBRO	SAUDI ARAMCO	ZULF 5SS WELLHEAD PLATFORMS	RAM54R055HCH/SL/V	SLOPS PUMP PACKAGES	95	6	25	103	1500	408-55-G-0002A/B 408-5Q-G-0002A/B 408-5R-G-0002A/B	2020
016397S	J RAY MCDERMOTT ME	SAUDI ARAMCO	MARJAN TP 10	RAM54R055HCH/SL/V	SLOPS PUMPS PACKAGES	95	6	25	103	1500	G75-43-G-0131/0132 G74-30-G-7644/7645 G74-31-G-7654/7655 G74-42-G-7662/7664 G74-32-G-7676/7685 G74-33-G-7695/7696 G74-34-G-7701/7702	2019
016396S	AL ASWAD	SAUDI ARAMCO	ABU SAFAH	RAM54R055HCH/SL/V	SLOP PUMP PACKAGES	95	6	25	103	1500	331-08-G-0303A/B 331-09-G-0304A/B	2019
016083s	WESTERN ENERGY PTE LTD	PETRONAS CARIGALI MALAYSIA	RFX 6200238720	RAM52R030HCH/SL/V	LIGHT HYDROCARBON PUMPS	38	2	10	174	2530	P-1140-45	2019
016284s	RHINE RUHR PUMPS & VALVES	RHINE RUHR PUMPS & VALVES	NATREF BADGER AFRICA	RAM51R040VHP/SL/E	REACTOR CONDENSATE PUMPS	75	5	20	206	2988		2019
015835S	EASTERN SEA COMPANY	VIETSO PETRO VIETNAM	PP5343 WHITE TIGER	RAM41R035HCH/SL/V	TEG PUMPS	53	3	14	128	1849	1-P-311	2019
014827S	PROCESS GROUP INTERNATIONAL	EURO MECHANICAL CONTRACTING	SOHAGPUR CBM FIELD DEVELOPMENT	RAMCP3831R040HCH/SL/V	GLYCOL RECIRCULATION	64	4	17	31	442	10-9-101-A/B	2018
015027S	RHINE RUHR PUMPS & VALVES	RHINE RUHR PUMPS & VALVES	NATREF BADGER AFRICA	RAM51R040VHP/SL/E	REACTOR CONDENSATE PUMPS	75	5	20	206	2988		2018
015186S	AL ASWAD	SAUDI ARAMCO	TANAJIB	RAM50R054HCH/SL/V	GLYCOL FEED PUMPS	126	8	33	48	697	G54-C102-G1A/B	2018
015697S	NPCC	SFNY STP-21	SG3-AUX UPGRADE	RAM54R055HCH/SL/V	SLOPS OIL REINJECTION	95	6	25	103	1500	G62-8K-G-0002A/B	2018
015882S	SEETHEE ENERGY SERVICES	SEETHEE ENERGY NIGERIA	SHELL NIGERIA	RAM50R045HCH/SL/N	LEAN TEG	93	6	25	90	1305	P-8610	2018
015527S	MCDERMOTT MIDDLE EAST INC	SAUDI ARAMCO	SFNY SLIPOVER PLATFORMS	RAM54R055HCH/SL/V	SLOPS PUMP PACKAGES	95	6	25	103	1500	385-4Y-G-0002A/B 385-1R-G-0002A/B 385-5B-G-0002A/B 385-6O-G-0002A/B 385-3H-G-0002A/B 385-6Q-G-0002A/B 385-1A-G-0002A/B 385-1B-G-0002A/B 385-6P-G-0002A/B 385-4Z-G-0002A/B	2018
015039S	AL ASWAD	SAUDI ARAMCO	ABSF	RAM54R046HCH/SL/V	SLOPS PUMP PACKAGES	95	6	25	59	850	331-G-0002 331-G-0002 331-G-101	2018
015572S	VOLUTECH	PTTEP THAILAND	K51-6 WELL	RAM77R065HCH/CH/SL/V	WATER INJECTION PUMP PACKAGE	55	3	15	69	1001	P-819 P-139	2018
014789S	SGS BOMBAS	SGS ALGERIA	AC MOTOR OPTION	RAM100R067HCH/PL/V	CRUDE OIL TRANSFER PUMP	221	13	58	62	899		2018
014439S	ARAMCO OVERSEAS	ARAMCO	SAFANYIA WELL PLATFORMS	RAM54R043 HCH/SL/V	HADI #10 BOAT SLOPS FACILITIES	95	6	25	28	400	385-G-7632	2017
014947S	AL ASWAD	SAUDI ARAMCO	MARJAN SERVICE BOAT	RAM50R055HCH/SL/V	SLOPS PUMPS PACKAGES	132	8	35	49	711	G72-G-0003	2017
014754S	SAIPEM	SAUDI ARAMCO	MARJAN/ZULUF 7SSS PLATFORM DECKS	RAM54R052HCH/SL/V	SLOPS PUMPS PACKAGES	95	6	25	103	1500	G74-78-G-0002A/B 74-40-G-0002A/B 74-79-G-0002A/B G74-41-G-0002A/B 408-5M-G-0002A/B 408-5K-G-0002A/B 408-5N-G-0002A/B	2017
014755S	SAIPEM	SAUDI ARAMCO	SAFANYIA	RAM54R052HCH/SL/V	SLOPS PUMP PACKAGES	95	6	25	103	1500	385-1J-G-0002A/B 385-1M-G-0002A/B 85-1N-G-0002A/B 385-1O-G-0002A/B 385-1V-G-0002A/B 385-4H-G-0002A/B 385-5A-G-0002A/B 385-5N-0002A/B 385-5S-G-0002A/B	2017
014877S	RAMBOLL	HESS DENMARK ApS	NEW HP GLYCOL PUMPS	RAM51R030HCH/SL/N	GLYCOL RECIRCULATION PUMP PACKAGE	27	2	7	78	1131	P-2101A/B	2017
014846S	SGS GULF LTD (OMAN)	SGS GULT LTD (OMAN)	WATER INJECTION PUMPS	RAM100R059HCH/PL/V	WATER INJECTION PUMP PACKAGE	442	26	117	172	2495		2017
014477S	ARAMCO OVERSEAS	ARAMCO	ABSF OFFSHORE PLATFORM	RAM50R046HCH/SL/V	SLOPS PUMPS PACKAGES	95	6	25	59	850	330-G-0101 331-G-0202 331-G-101	2017
014990S	SABIC	SABIC	RICH SOLUTION PUMP REPLACEMENT	RAM51R050HCH/SL/N	RICH SOLUTION PUMP	263	16	69	132	1915	1-P-601A	2017
014877S	RAMBOLL	HESS DENMARK ApS	NEW HP GLYCOL PUMPS	RAM51R030HCH/SL/N	GLYCOL RECIRCULATION PUMP PACKAGE	27	1.6	7	78	1131	P-2101A/B	2017
014654S	SAIPEM	SAUDI ARAMCO	ABU SAFA RIG	RAM54R043 HCH/SL/V	SLOPS PUMPS PACKAGES	95	5.7	25	103	1494	331-02-G-0002A/B 331-03-G-0002A/B	2017



RAM Ref.	Client	Contractor/ Location	Project	Pump Model	Application	Performance					Tag Number	Delivery Date
						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
014703S	J RAY MCDERMOTT ME	SAUDI ARAMCO	BERRI 2 JACKETS	RAM54R043 HCH/SL/V	SLOPS PUMPS PACKAGES	95	5.7	25	103	1494	310-24-G-0002A/B 310-25-G-0102A/B	2017
014740S	SACYR FLUOR	REPSOL/ PERU	NUEVO MUNDO PROJECT	RAM100R061 HCH/PL/V	FLARE KO REINJECTION PUMPS	340	20	88	100	1450	400-G-2102A/B	2016
				RAM75R063 HCH/SL/V	OPEN DRAIN REINJECTION PUMPS	227	14	62	100	1450	400-G-2104A/B	2017
				RAM170R078.5 HCH/PL/V	HC REINJECTION PUMPS	833	50	220	100	1450	400-G-3201A/B	2017
013972S	WESTERN ENERGY PTE LTD	PTSC MECHANICAL AND CONSTRUCTION CO	SU TU FULL FIELD DEVELOPMENT PHASE 1	RAM52R055 HCH/SH/SL/V	FLARE SCRUBBER PUMPS	167	10	44	73	1051	PBE-4350A/B	2016
014346S	SHELL UK	WOOD GROUP	FP SO ANASURIA	RAM51R040 HCH/SL/N	TEG	34	2	8.8	50	725	P-4802	2016
010744S	AL ASWAD	SAUDI ARAMCO	HADI Boat VIII	RAM50R045 HCH/SL/V	SLOPS PUMP PACKAGE	95	5.7	25	83	1205	408-G-0001	2016
014113S	PROCESS GROUP	SAUDI ARAMCO	NW UNCONVENTIONAL GAS DEVELOPMENT PROJECT	RAM50R055 HCH/SL/E	TEG REHYDRATION PACKAGE	155	9.3	41	39	560	N53-G-009A/B	2016
013814S	POMPES & CORROSION	EDF	EDF POWER FACILITIES	RAM77R065 HCH/SL/N	BOILER FEED PUMP PACKAGE	200	12	53	140	2030	TBC	2016
013864S	SID STEBLE	BOREALIS	REPLACEMENT PUMP INJECTION IN DEEP WELL	RAM251R100 HCH	DEEP WELL WATER INJECTION	700	42	185	75	1088	P-6510A/B	2016
014001S	AL ASWAD	SAUDI ARAMCO	QATIF OFFSHORE PLATFORM	RAM50R053 HCH/SL/V	SLOPS PUMPS PACKAGE	94	5.6	25	62	900	330-G-0101	2016
014386S	ESCHER	CNOOC & HUSKEY	WENCHANG GAS FIELD DEVELOPMENT PROJECT	RAMCP3811F HCH/SL/V	TEG CIRCULATION PUMP PACKAGE	27	1.6	7.1	92	1335	CEP-P-4801A/B	2016
014455S	SULZER WOOD	ENQUEST/ NORTH SEA	HEATHER ALPHA PLATFORM	RAM252R052 VHP/SL/V	WATER INJECTION PUMP PACKAGE	221	13.3	58	345	5003	TBC	2016
014464S	CRYOSTAR	KOREA	SHIPYARD	POWER END ASSEMBLY	LNG HPP PUMP	201	12	53	370	5365	7974903351/002DS.86419/1-7974903351/002DS.86420/2	2016
014574S	BAYU PURNAMA	SKE MALAYSIA	B15 OFFSHORE FIELD	RAM51R045 HCH/SL/V	CLOSED DRAIN PUMP PACKAGE	83	5	22	115	1668	P-6430A/B	2016
014346S	SHELL UK	WOOD GROUP	FP SO ANASURIA	RAM51R040 HCH/SL/N	TEG	34	2	9	50	725	P-4802	2016
013972S	WESTERN ENERGY PTE LTD	PTSC MECHANICAL AND CONSTRUCTION CO	SU TU FULL FIELD DEVELOPMENT PHASE 1	RAM52R055 HCH/SH/SL/V	FLARE SCRUBBER PUMPS	167	10	44	73	1052	PBE-4350A/B	2016
013817S	CRYOSTAR	KOREA	SHIPYARD	POWER END ASSEMBLY	LNG HPP PUMP	201	12	53	370	5366	7974903351/003DS81896-7974903351/003DS81900	2016
013633S	AL ASWAD	SAUDI ARAMCO	BERRI-ABU ALI PLANT	RAM52R040 HCH/SL/E	SLOPS PUMPS PACKAGE	57	3	15	64	934	310-65-G1884	2015
013083S	RENROC	CSIRO/ AUSTRALIA	SOLAR CAPTURE	RAM	LIQUID CO2	73	4	19	330	4786	RGA-15-1121-2233	2015
013624S	FLUID HANDLING SYSTEMS			RAM102R065 HCH/PL/V	RO REJECT PUMPS	375	23	99	242	3510		2015
013645S	MUSCL	KAZTEC ENGINEERING/ NIGERIA	VENT KO VESSEL	RAM51R035 HCH/SL/V	WATER & HYDROCARBONS	50	3	13	27	390	PBE-130A/B	2015
013620S	BARR & WRAY	EXTERRAN	NEXEN PROJECT	CP1951 GLYCOL PUMP	GLYCOL CIRCULATION PUMP PACKAGE	15	1	4	75	1092		2015
013011S	SAIPEM	ENI GROUP	MARJAN AND ZULUF JACKETS AND DECKS	RAM53R043 HCH	SLOPS PUMP PACKAGE	94	6	25	114	1653	G75-59-G-0002A/B G74-98-G-0002A/B 408-5J-G-0002A/B	2015
013633S	AL ASWAD	SAUDI ARAMCO	BERRI-ABU ALI PLANT	RAM52R040 HCH/SL/E	SLOPS PUMPS PACKAGE	57	3	15	64	934	310-65-G1884	2015
013645S	MUSCL	KAZTEC ENGINEERING/ NIGERIA	VENT KO VESSEL	RAM51R035 HCH/SL/V	WATER & HYDROCARBONS	50	3	13	27	390	PBE-130A/B	2015
013083S	RENROC	CSIRO/ AUSTRALIA	SOLAR CAPTURE	RAM	LIQUID CO2	73	4	19	330	4786	RGA-15-1121-2233	2015
013624S	FLUID HANDLING SYSTEMS			RAM102R065 HCH/PL/V	RO REJECT PUMPS	375	23	99	242	3510		2015
012924S	J RAY MCDERMOTT ME	SAUDI ARAMCO	MANIFA 460/469 FILED DEVELOPMENT PROJECT	RAM52R045 HCH	SLOPS PUMP PACKAGE	95	6	25	103	1494	387-1M-G-0002A/B 387-2P-G-0002A/B	2015
013192S	J RAY MCDERMOTT ME	SAUDI ARAMCO	MANIFA	RAM52R047 HCH/SL/V	FLUSH WATER PACKAGE	95	6	25	76	1100	Q45-G-0022 Q45-G-0019	2015
013620S	BARR & WRAY	EXTERRAN	NEXEN PROJECT	CP1951 GLYCOL PUMP	GLYCOL CIRCULATION PUMP PACKAGE	15	1	4	75	1092		2015
012992S	PROCESS GROUP INTERNATIONAL	SOHAGPUR, INDIA	CBM FIELD DEVELOPMENT PROJECT	RAM50R055 HCH	GLYCOL CIRCULATION PUMP PACKAGE	178	11	47	29	413	GG511-P-101A/B GG512-P-101A/B	2014
012416S	SAIPEM	SNAMPROGETTI SAUDI ARABIA	STAR YARD DAMMAM	RAM52R043 HCH	SEAWATER RO PUMP PACKAGE	95	6	25	103	1500	331-27-G-0002A/B 331-28-G-0002A/B 331-29-G-0002A/B	2014
012495S	HYUNDAI ENGINEERING	LUKOIL	EARLY GAS STAGE OF KANDYM GROUP OF FIELDS	RAM77R057	WATER INJECTION PUMP PACKAGE	215	13	57	200	2901	095-PB-001A/B 0096-PB-001A/B	2014
012427S	AKER SUBSEA SOLUTIONS		PRODUCTION FLUID PUMP	RAM52R025 HCH	PRODUCTION FLUID PUMP PACKAGE	23	1	6	250	3626	PS8300SP	2014



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						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
012932S	HYDRAQUIP DISTRIBUTION		DUPLICATE SUCTION BOOST PUMP	BG116 CENTRIFUGAL SELF PRIMING	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 REV B2	2013
012932S	HYDRAQUIP DISTRIBUTION		DUPLICATE SUCTION BOOST PUMP	BG116 CENTRIFUGAL SELF PRIMING	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 REV B2	2013
012600S	WESTERN ENERGY PTE LTD	PETRONAS	FOR YATAGUN DEVELOPMENT	RAM61R060 HCH/SL/V	REPLACEMENT PUMP	189	11	50	35	505	P-140-1A/B	2013
012415S	JRAY MCDERMOTT ME	SAUDI ARAMCO	SAFANIA PHASE 2	RAM52R045 HCH/SL/V	SLOPS PUMP PACKAGE	94	6	25	114	1650	385-1H-G-0002 A/B	2013
012415S	JRAY MCDERMOTT ME	SAUDI ARAMCO	SAFANIA PHASE 2	RAM52R046 HCH/SL/V	SLOPS PUMP PACKAGE	94	6	25	7	100	358-5D-G-0002	2013
012632S	PREMIER FLUID SOLUTIONS	POTASH	POTASH MINIJNG	RAM153R080 HCH	BRINE INJECTION PUMP PACKAGE	524	31	138	82	1186		2013
012090S	AL-ASWAD TRADING CO	SAUDI ARAMCO	ABU ALI PLANT 310 - RPE12-194	RAM50R040 HCH/SL/N	UNSPECIFIED	57	3	15	59	850	310-54-G-0001 310-65-G-0006	2013
012436S	ESCHER	GDF SUEZ / CENTRICA	CYGNUS FIELD DEVELOPMENT	RAM52R040 HCH/SL/E	UNSPECIFIED	52	3	14	100	1447	SNS-CFAP-040-P001-A/B	2013
012254S	AMEC SERVICES LTD	CONOCOPHILLIPS	UEB JUDY	RAM53R055 HCH/SL/SH/V	CLOSED DRAIN PUMP PACKAGE	183	11	48	200	2901	67-6103	2013
012170S	PREMIER FLUID SOLUTIONS	POTASH	POTASH MINING	RAM153R080 HCH	BRINE INJECTION PUMP PACKAGE	524	31	138	82	1186	553-421	2013
012316S	BARR & WRAY	BARR & WRAY	SHELL PELICAN PROJECT	RAM51R040 HCH/SL/N	UNSPECIFIED	32	2	8	54	783	PP12995	2013
012496S	QT SUPPLY	QT SUPPLY	HYDRIL	CA70/45 ST/STL	SUCTION BOOSTER PUMP	517	31	136	62	899	1930571-07-REV A1	2013
011928S A	EXTERRAN UK LTD MALONEY METAL-CRAFT	PETROFAC	GREATER STELLA AREA DEVELOPMENT	RAMCP3821 (A)	UNSPECIFIED	38	2	10	70	1015	P-1351 A/B	2013
011928S B	EXTERRAN UK LTD MALONEY METAL-CRAFT	PETROFAC	GREATER STELLA AREA DEVELOPMENT	RAMCP3821 (B)	UNSPECIFIED	38	2	10	70	1015	P-1351 A/B	2013
011843S	ALFSEN OG GUNDERSON	STATOIL	TROLLA TOPC 34 EPIC	RAM77R065 HCH/SL/N	UNSPECIFIED	227	14	60	128	1856	42-PB801 A/B	2013
012164S	RMNTK - THERMAL SYSTEMS LTD	RMNTK - THERMAL SYSTEMS LTD	RO PLANT	RAM78R065 HCH/SL/V	SEAWATER RO PUMP PACKAGE	208	12	55	120	1740	012164 A/B	2013
012106S	ENERMECH NORSON	ENERMECH NORSON		RAM77R037 VHP/SH/SL/E	CHEMICAL FLUSHING PUMP PACKAGE	90	5	24	418	6063	N/A	2013
012268S	PLANT EQUIPMENT CO. LTD	PLANT EQUIPMENT CO. LTD		RAMCP3521 316SS	UNSPECIFIED	87	5	23	140	2031	12268	2013
011673S	OMV PETROM	OMV PETROM	REFINERY PETROBRAZI,	RAM151R070/HCH/SL/V	SLOPS PUMP PACKAGE	400	24	106	10	145	180G0021	2013
011807S	SK INNOVATION	REPSOL	CARTAGENA LUBE BASE OIL COMPLEX PHASE II	RAM50R045 HCH/PL/SH/N	UNSPECIFIED	70	4	18	192	2781	CD-P0202 A	2013
011793S	WEIR ENGINEERING SERVICES	WEIR ENGINEERING SERVICES	AGIP T BLOCK DEVELOPMENT, TEG PUMP	RAM75R050HCH/SL	TEG CIRCULATION PUMP PACKAGE	167	10	44	56	809	90/2658A	2013
011786S	PREMIER FLUID SOLUTIONS	POTASH	BRINE INJECTION PACKAGE	RAM153R080 HCH	BRINE INJECTION PUMP PACKAGE	524	31	138	82	1186	553-420	2012
012207S	HYDRIL	HYDRIL		BG116 CENTRIFUGAL SELF PRIMING	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 REVA6	2012
011673S	OMV PETROM		REFINERY PETROBRAZI	RAM151R095/HCH/SL/V	SLOPS PUMP PACKAGE	800	48	211	24	348	638G001	2012
011673S	OMV PETROM		REFINERY PETROBRAZI, SLOPS PUMP	RAM151R095/HCH/SL/V/RHD	SLOPS PUMP PACKAGE	800	48	211	16	232	180G0015 A/B	2012
011146S	TECNICAS REUNIDAS	RESID UPGRADING		RAM251R065 HCH/SL/SH/N	UNICRACKING WASH WATER PUMP PACKAGE	383	23	101	166	2403	147G-117 A/B/C	2012
012097S	ALFSEN OG GUNDERSON			RAM75R065 HCH/CS/SL	TEG CIRCULATION PUMP PACKAGE	67	4	18	88	1276	24PB001A	2012
010580S	BP	FRAMES GROUP BV	BP ANDREW PLATFORM	RAM51R035 HCH/SL/N/LHD	GLYCOL INJECTION PUMP PACKAGE	32	2	8	66	957	P-11101A/B	2012
011321S	EXTERRAN	CB&I UK LTD	NEXEN PROJECT	RAMCP1951	TEG CIRCULATION PUMP PACKAGE	15	1	4	54	779	P2712 A/B	2012
11053	STORENGY UK LIMITED	JACOBS		RAM51LR040 HCH	UNSPECIFIED	40	2	11	100	1448		2011
011053S	STORENGY UK LIMITED	JACOBS	STUBLACH GAS STORAGE GP&I	RAM51LR040 HCH/SL/SH/N	UNSPECIFIED	42	3	11	100	1448	24-P-1 A/B	2011
009715S	EXTERRAN	UK	ATP CHEVIOT OFF-SHORE PRODUCTION PLATFORM	RAM50R030 HCH/SL/E	UNSPECIFIED	29	2	8	92	1332	P2502 A/B	2011
011506S	BP OIL	BP OIL	BP HAMBLE TERMINAL	RAMCP310	UNSPECIFIED	N/A	N/A	N/A	N/A	N/A		2011
011505S	BP UNITY	BP UNITY		RAM CP654SS/353	MOBILE TEST UNIT FOR "PIGS"	8	0.5	2	245	3553		2011
011555S	HYDRIL	HYDRIL	DUPLICATE SUCTION BOOST PUMP	BG116 CENTRIFUGAL SELF PRIMING	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 REVA6	2011



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						Flow			Pressure			
						lpm	m3/hr	USgpm	bar	psi		
11241	MISWACO	MISWACO	ANGOLA SONILS PROJECT	RAM172R065 HCH	UNSPECIFIED	662	40	175	190	2750		2011
011241S	MI-SWACO		QUINTUPLEX RECIPROCATING PLUNGER PUMP PACKAGE	RAM172R065 HCH/ PL/N	DRILL CUTTINGS REINJECTION UNIT	693	42	183	169	2457		2011
011292S	BARR & WRAY	BARR & WRAY		RAM51R040HCH/SL/N	GLYCOL CIRCULATION PUMP PACKAGE	32	2	8	60	870	P-73308 A	2011
011432S	HYDRIL	HYDRIL	BG116 EXPRESS BUILD AND SHIP	BG116 CENTRIFUGAL SELF PRIMING	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 REVA6	2011
11095	AL-ASWAD TRADING CO	AL-ASWAD TRADING CO	REFINED PRODUCTS PIPELINES	RAM76LR065 HCH	UNSPECIFIED	252	15	67	42	615		2011
011095S	AL ASWAD	ARAMCO	EW/PS2 CLOSED DRAIN PRODUCT TRANSFER PUMP PACKAGE	RAM 76LR065/HCH/ SL/SH/V	CLOSED DRAIN PUMP PACKAGE	274	16	72	42	615	K38-G-0109	2011
010550S	AL ASWAD	ARAMCO		RAM50R049/HCH/SL/V	SLOPS PUMPS PACKAGE	95	6	25	83	1200	408-G-0010	2011
11190	SHELL	SHELL	SHELL ANASURIA	RAM51R040 HCH	UNSPECIFIED	34	2	9	50	725		2011
010975S	ESCHER	ESCHER	AIOC CHIRAG PROJECT	RAM51R055 HCH/SL/E	UNSPECIFIED	114	7	30	38	551	4D-P49015 4D-P49016	2011
10975	ESCHER	ESCHER	AIOC CHIRAG	RAM51R055	UNSPECIFIED	113	7	30	10	145		2011
10994	EXXON MOBIL	EXXON MOBIL	BERYL ALPHA	RAM51R055 HCH/SL/V	UNSPECIFIED	125	8	33	59	859		2011
11210	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMP	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2011
11251	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMP	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2011
10945	SIVA	SIVA	WHITE TIGER	RAM41R035 HCH	UNSPECIFIED	51	3	13	128	1849		2010
11031	SCANPUMP	SCANPUMP		BG56 CENTRIFUGAL PUMP	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
11017	HYDRIL	HYDRIL		BG116 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
11017	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
10853	MAERSK OIL	MAERSK OIL	AL-SHAHEEN	RAM51R053 HCH/SL/E	UNSPECIFIED	97	6	26	45	650		2010
10571	TUROTEKNIK	AKER ENGINEERING		RAM150R060 HCH	GLYCOL CIRCULATION PUMP PACKAGE	221	13	58	120	1740		2010
10826	MAERSK OIL	MAERSK OIL	AL-SHAHEEN	RAM51R053 HCH/SL/E	UNSPECIFIED	97	6	26	45	650		2010
10862	CAT PUMPS UK	CHEMTECH		RAM76R065/HCH/SL/N	UNSPECIFIED	250	15	66	50	725		2010
10487	FRAMES	FRAMES	ESCAL UGS CASTOR	RAM51R049/HCH	GLYCOL INJECTION PUMP PACKAGE	104	6	27	99	1429	10-P-20A/B 10-P-30A/B	2010
10497	NIMAX THEATRES	LYRIC THEATRE	IRON CURTAIN HYDRAULIC SYSTEM		HYDRAULIC POWER-PACK PUMP PACKAGE	N/A	N/A	N/A	N/A	N/A		2010
10897	DAFF TRADING	DAFF TRADING	CCC COMPANY	CP3541	UNSPECIFIED	170	10	45	70	1015		2010
10912	HYDRIL	HYDRIL		BG116 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
10912	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
10672	PROCESS GROUP INTL	PROCESS GROUP INTL	STROYTRANS GAZ NORTH GAS EXPLOITATION PLANT	RAM CP3841ER	AMINE PUMP PACKAGE	63	4	17	43	623	G-P-211 A/B	2010
10774	PROCESS GROUP INTL	PROCESS GROUP INTL	STROYTRANS GAZ NORTH GAS EXPLOITATION PLANT	RAM CP3841ER	GLYCOL INJECTION PUMP PACKAGE	54	3	14	44	631	G-P-364 A/B	2010
10887	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
010254S	AL-ASWAD TRADING CO	ARAMCO	SAFANYIA GAS PLANT	RAM75R065/HCH/SL	TEG CIRCULATION PUMP PACKAGE	236	14	62	48	701	R74-G-310A	2010
10358	LEWA	J RAY MCDERMOTT ME INC	ARAMCO KARAN TP-1	RAM501R100/HCH	CORROSION INHIBITOR INJECTION PUMP PACKAGE	757	45	200	131	1900	Q49-G-043 A/B	2010
10818	HYDRIL	HYDRIL		BG116 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2010
10322	ITS	ITS	VIETSOV PETRO - WHITE TIGER	RAM41R032 HCH/SL/V	UNSPECIFIED	53	3	14	128	1849		2009
10332	SHELL	SHELL	BRENT	RAM60/64/HCH	GLYCOL BARSHAFT PUMP	181	11	48	86	1243	BB-P-49695	2009
10355	BRE LTD	BRE LTD		RAMCP6020	HYDRAULIC POWER-PACK PUMP PACKAGE	190	11	50	50	725		2009
10221	AL ASWAD	ARAMCO	SHAYBAH PRODUCING FACILITIES	RAM160/R100/HCH	LEAN GLYCOL CIRCULATION PUMP PACKAGE	847	51	224	27	390	B07-G-6	2009



RAM Ref.	Client	Contractor/ Location	Project	Pump Model	Application	Performance					Tag Number	Delivery Date
						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
9994	AMEC	SHELL	CORRIB FIELD DEVELOPMENT	RAM78R025 VHP/ SL/SH/N	PRODUCED WATER PUMP PACKAGE	17	1	5	610	8847	P-6026B	2009
9655	AL-ASWAD TRADING CO	ARAMCO	MANIFA	RAM50R050 HCH-	SLOPS PUMP PACKAGE	95	6	25	103	1500		2009
10362	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2009
10388	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2009
10187	BORD NA MONA	BORD NA MONA	CO OFFALY PEAT PLANT	RAM51R050/HCH/PL/V	WATER CONDENSATE PUMP PACKAGE	55	3	15	44	638		2009
10270	POLLYAIM	POLLYAIM		RAMCP6767	FEEDWATER PUMP PACKAGE	87	5	23	67	972		2009
10025	ESCHER	ESCHER	SASOL TEMANE UNIT 44 PROJECT	CP3831	GLYCOL INJECTION PUMP PACKAGE	55	3	15	77	1110	PR-4401 A/B	2009
10085	EXTERRAN	PETROLEUM OIL & GAS ESPANA		CP3810FR020/SL/E	UNSPECIFIED	6	0.3	1	78	1132	P-1 A/B	2009
10157	MOBIL	MOBIL	BERYL ALPHA	RAM51R055	UNSPECIFIED	125	8	33	59	858		2009
10259	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2009
10303	HYDRIL	HYDRIL		BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2009
9955	PTI	HESS	UJANG PANGKAU LIQUID DEVELOPMENT	RAM77R065 HCH/ PL/SH/V	PRODUCED WATER PUMP PACKAGE	110	7	29	111	1610	201-P-100 A/B	2009
10064	ERIDIS	ERIDIS	GABON	CP3541	UNSPECIFIED	67	4	18	65	943		2009
10156	PRODUCTION TESTERS INTL	PRODUCTION TESTERS INTL	SALAMANDER	RAM3CP1120R018/ SL/N	UNSPECIFIED	13	1	3	48	701	PTI-CP-032/33	2009
9618	PETROGAL	GALP	SINES REFINERY	RAM161R060HCH	CONDENSATE PUMP PACKAGE	267	16	70	164	2380	HC-P-13 A/B	2009
10006	ALFSEN OG GUNDERSON	ALFSEN OG GUNDERSON	ALVHEIM	CP3831F.ERH	GLYCOL INJECTION PUMP PACKAGE	72	4	19	62	899	7996A	2009
9913	ERIDIS	ERIDIS		RAM151R060/HCH/ SL/V	CORROSIVE WATER PUMP PACKAGE	283	17	75	77	1117		2009
9929	PROCESS GROUP INTL	PROCESS GROUP INTL	JIHAR PROJECT	SCP3811ER	GLYCOL INJECTION PUMP PACKAGE	201	12	53	78	1131	P 1201 A/B	2009
9816	CONOCO PHILLIPS	CONOCO	TGT	RAM251R047VHP	METHANOL TRANSFER PUMP PACKAGE	83	5	22	369	5349	G-304B	2008
9754	TECHTRADE	CONOCO	ELDFISK	RAM52R040HCH	GLYCOL INJECTION PUMP PACKAGE	54	3	14	41	595	67-00060	2008
9991	HYDRIL	HYDRIL		BG116	SUCTION BOOSTER PUMP	N/A	N/A	N/A	N/A	N/A		2008
9850	EXXON MOBIL	EXXON MOBIL	BERYL ALPHA	SRAM55R055 HCH/SL/E	GLYCOL CIRCULATION PUMP PACKAGE	128	8	34	46	667		2008
9815	SEAWELL	SEAWELL	VALHALL	RAM75R045	UNSPECIFIED	130	8	34	207	3002		2008
9782	SEIC	SEIC	SAKHALIN PHASE II	RAM78R065HCH	SEAWATER RO PUMP PACKAGE	183	11	48	70	1015	4000-P-5202-02	2008
9939	HYDRIL	HYDRIL		GA0/45	UNSPECIFIED	N/A	N/A	N/A	N/A	N/A		2008
9763	CAT PUMPS UK	CHEMTECH		RAM76R065/HCH	VEGETABLE OIL & WATER PUMP PACKAGE	250	15	66	50	725		2008
9736	J RAY MCDERMOTT ME	RAS GAS	RAS GAS OFFSHORE EXPANSION	RAM76R050 HCH MEG	UNSPECIFIED	83	5	22	182	2632	WT5-P-9706 WT9-P-9706	2008
9735	SULZER WOOD	APACHE	UNITY	RAMCP6545S/353	MOBILE TEST UNIT FOR "PIGS"	8	0.5	2	245	3553		2008
9692	WEIR	NEXEN	SCOTT FIELD	RAM41R045HCH	TEG CIRCULATION PUMP PACKAGE	73	4	19	83	1198	P-1301C	2008
9634	J RAY MCDERMOTT ME	RAS GAS	RAS GAS OFFSHORE EXPANSION	RAM76R050 HCH MEG	UNSPECIFIED	83	5	22	182	2632	WT4-P-9706 WT7-P-9706	2008
9565	BAKKER OILFIELD SUPPLY	BAKKER OILFIELD SUPPLY	TRI-FOAM	RAM52R043 HCH	UNSPECIFIED	100	6	26	200	2901		2008
9717	HYDRIL	HYDRIL		BG116 CENTRIFUGAL PUMPS	UNSPECIFIED	N/A	N/A	N/A	N/A	N/A		2008
9163	PETRECO	STATOIL	GJOA	RAM150R060	TEG CIRCULATION PUMP PACKAGE	277	17	73	65	943	24P-B003 A/B	2008
9208	WHASUNG INDUSTRIES	NEXUS	FPSO GLYCOL DEHYDRATION UNIT	RAM50R040 HCH	UNSPECIFIED	508	30	134	40	580	24-PG-01 A/B	2008
9393	J RAY MCDERMOTT ME	RAS GAS	RAS GAS OFFSHORE EXPANSION	RAM75R050	MEG INJECTION PUMP PACKAGE	83	5	22	182	2632	WT6/8/10/11-P-9706	2008
9472	ESCHER	MAERSK OIL QATAR	AL SHAHEEN	RAM51R053 HCH	UNSPECIFIED	97	6	26	60	870	ASGDA-P-4102/4112 ASEDA-P-4102/3/4112/3	2008
9333	TUROTEKNIK	CONOCO	ELDFISK	RAM40/40 HCH	GLYCOL INJECTION PUMP PACKAGE	53	3	14	41	595	11562489	2008
9495	SEADRILL	BP	VALHALL IP	RAM75R045 HCH	UNSPECIFIED	130	8	34	207	3002		2008



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						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
8535	ZADCO	ZADCO	UMM AL DALKH FACILITIES	RAM51R055/HCH	DIESEL PUMP PACKAGE	110	7	29	95	1378		2007
9298	WEIR	WEIR	SCOTT FIELD	RAM40R045 HCH	UNSPECIFIED	73	4	19	83	1198		2007
8936	CONOCO		TGT	RAM250/47/118/VHP	UNSPECIFIED	92	6	24	3630	52649	G-304/B	2007
9044	J RAY MCDERMOTT	QATARGAS	BATCH CORROSION INHIBITOR PACKAGE	RAM258R068/HCH	UNSPECIFIED	416	25	110	150	2176	P7903 A/B	2007
8631	UTE MINA	FOSTER WHEELER	MINATITLAN VERACRUZ MEXICO	RAM150R060/HCH/CL	UNSPECIFIED	300	18	79	20	285	P-10106	2007
9075	WOODSIDE ENERGY	WOODSIDE ENERGY	ANGEL	RAM/5CP3922.ERA	UNSPECIFIED	25	2	7	4	51	P-4001	2007
9205	HANOVER	HANOVER	PETROQUIMICA UNIAO SA	RAM50	UNSPECIFIED	29	2	8	53	769	B-23005A/B	2007
9301	QT SUPPLY	QT SUPPLY		BG116 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 A1	2007
9016	BALTIC FORWARD-ING CO			RAM CP3821F/VHP. RAM CP3811F/VHP	UNSPECIFIED	23	1	6	54	783		2007
9126	ODE OPERATIONS	VENTURE	AMANDA / AGATHA		METHANOL INJECTION PUMP PACKAGE	10	1	3	262	3800	69D-G-E7230 C/D	2007
9146	WEIR	BP	ANDREW PLATFORM	RAM51R026 HCH -	GLYCOL INJECTION PUMP PACKAGE	16	1	4	78	1131		2007
9165	SHELL	SHELL	SHEARWATER ISC WELLHEAD PLATFORM	RAM70/37.5/396/VHP/SS/SL	WATER/OIL INJECTION PUMP PACKAGE	100	6	26	226	3278		2007
9170	HANOVER	HANOVER	PTTEP ARTHIT FIELD OFFSHORE	RAM50/55/HCHC	LEAN GLYCOL CIRCULATION PUMP PACKAGE	126	8	33	70	1015	PP-1409 A/B	2007
9228	CAT PUMPS UK	EIMCO	SAKHALIN PHASE II	RAM75R065	SEAWATER RO PUMP PACKAGE (LOW TEMP)	183	11	48	70	1015		2007
9339	KEMIRA GROWHOW	KEMIRA GROWHOW		CP3521SS	UNSPECIFIED	100	6	26	226	3278		2007
8994	ALFSEN OG GUNDERSON	WOODSIDE	VINCENT FPSO	RAM51R040-	METHANOL INJECTION PUMP PACKAGE	75	5	20	164	2371	45-P-5510 A/B	2007
9014	WINTERSHALL		LIBYA	RAM51R032 VHP METHANOL	UNSPECIFIED	57	3	15	67	972	22-P-221 A/B	2007
9070	ALFSEN OG GUNDERSON			RAM CP3821F	METHANOL INJECTION PUMP PACKAGE	27	2	7	65	943	520-P-8500 A/B	2007
8944	SHELL	AMEC	SEAN COMPRESSOR WATER WASH PACKAGE	RAM51R045/HCH	UNSPECIFIED	84	5	22	66	960	PD-ZA-2725 PD-V-2715	2007
8349	J RAY MCDERMOTT	RAS GAS	RAG GAS OFFSHORE EXPANSION PHASE 2	RAM78R050/HCH/HIS/SL	H2S PUMP PACKAGE	98	6	26	165	2393		2006
8739	SATRIA BARU	CNOOC	PABELOKAN GAS PHASE 2	RAM CP2831	UNSPECIFIED	38	2	10	14	203	P-460 A/B	2006
8882	SIA ICON LATVIA	SIA ICON LATVIA		RAM CP3821F	UNSPECIFIED	25	2	7	130	1885		2006
8956	ALFSEN OG GUNDERSON	BLUEWATER	ETTRICK - AOKA MIZU FPSO	RAM52R025 VHP	UNSPECIFIED	25	2	7	352	5105		2006
8982	MACRO	SIRTE	LIBYA	RAM75R045/HCH	UNSPECIFIED	133	8	35	120	1740		2006
8903	JORIN	ALDERLEY SYSTEMS		CP3921.ERA	UNSPECIFIED	N/A	N/A	N/A	150	2176		2006
9013	CAT PUMPS UK	CHEMTECH		RAM76R065/HCH/SS	UNSPECIFIED	250	15	66	50	725		2006
8682	PETRECO	BP	CHIRAG	RAM51R055/HCH	UNSPECIFIED	122	7	32	40	573	PBE-1211 A/B	2006
8881	CAT PUMPS UK	CHEMTECH		RAM75/HCH/CSS	UNSPECIFIED	119	7	31	70	1015		2006
8997	CAD			BG56 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-06 A4	2006
8847	SHELL	SHELL	AUNNULUS SHEAR-WATER ISC WELLHEAD PLATFORM	RAM70/37.5/396/CHP/SS/SL	ANNULUS PRESSURISATION PUMP PACKAGE	100	6	26	226	3278	P-0190-01/02	2006
8566	GERARD SERVICES	GERARD SERVICES	TRI-FOAM	RAM51R043 HCH	UNSPECIFIED	100	6	26	200	2901		2006
8900	HYDRIL	HYDRIL		BG116 CENTRIFUGAL PUMPS	SUCTION BOOSTER PUMP	63	4	17	2	30	1930571-05 A1	2006
8589	TRANSOCEAN	TRANSOCEAN	DEEPWATER BRAZIL	RAM251R043 VHP/CSS/SL	HYDROTEST PUMP PACKAGE	143	9	38	345	5004		2006
8609	CLYDE ASSOCIATED ENGINEERS	CLYDE ASSOCIATED ENGINEERS	WATER PUMP	RAMCP6831	UNSPECIFIED	72	4	19	150	2176		2006
8603	CAT PUMPS GERMANY	CAT PUMPS GERMANY	LIBYA	RAM52R023 VHP	UNSPECIFIED	35	2	9	600	8702		2006
8721	CAT PUMPS UK	CHEMTECH		RAM75/HCH/CSS	UNSPECIFIED	229	14	60	110	1595		2006
8215	CAT PUMPS UK	BRACKETT GREEN	KASHAGAN	RAM154R080 HCH	SEAWATER RO PUMP PACKAGE	481	29	127	53	769		2006
8434	DAFF TRADING	AL MANSOORI	LIBYA	RAM152R080 HCH	UNSPECIFIED	440	26	116	115	1668		2006
8695	FILTRATION SERVICES	FILTRATION SERVICES		RAM3507	UNSPECIFIED	34	2	9	200	2901		2006



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						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
8454	CPI	AQUALYNG		RAM150R100HCH DUPLEX	UNSPECIFIED	930	56	246	50	725		2006
8275	SULZER WOOD	APACHE	PIG TESTER	CP654SS/353	UNSPECIFIED	8	0.5	2	245	3553		2006
8572	SHELL	SHELL	TERN ALPHA PLATFORM	RAM77R065	SEAWATER RO PUMP PACKAGE	220	13	58	69	1001		2006
8611	AL-ASWAD TRADING CO	AL-JUBAIL FERTILIZER CO	SAUDI ARABIA	RAMCP1051	UNSPECIFIED	N/A	N/A	N/A	N/A	N/A		2005
8226	FRAMES	UNOCAL		CP3821F.ERJ	UNSPECIFIED	540	32	143	131	1900	P-9401A/B	2005
8530	IV OIL & GAS	WINTERSHALL LIBYA	SARAH PHASE IV GAS LIFT	RAM51R032	METHANOL INJECTION PUMP PACKAGE	18	1	5	183	2654	P-403 A/B	2005
7709	ABB LUMMUS	SEIC/SHELL	MOLIKPAQ TIE IN	RAM160/60/HCH	H2S CONDENSATE PUMP PACKAGE	217	13	57	215	3118	PX-0302 A/B	2005
8460	WEIR	SHELL	TERN ALPHA PLATFORM	RAM77R065	SEAWATER RO PUMP PACKAGE	220	13	58	76	1101		2005
7920	WEIR	BP	ANDREW	RAM51R026HCH	UNSPECIFIED	16	1	4	86	1244		2005
7996	KCC	ALVHEIM		CP3831F.ERH	UNSPECIFIED	72	4	19	62	899		2005
8345	CAT PUMPS UK	CHEMTECH	UK	RAM75/65/HCH	VEGETABLE OIL & WATER PUMP PACKAGE	190	11	50	40	580	N/A	2005
7765	KCC	KCC	ORMEN LANGE	RAM150/60/HCH	GLYCOL INJECTION PUMP PACKAGE	238	14	63	85	1236	PB-24-1004A/B	2005
7814	ESCHER	SEIC/SHELL	SAKHALIN PHASE II	RAM51/32/VHP	GLYCOL INJECTION PUMP PACKAGE	50	3	13	217	3140	PX-3401A/B	2005
8169	CAT PUMPS UK	CHEMTECH	UK	RAM75/65/HCH	VEGETABLE OIL & WATER PUMP PACKAGE	190	11	50	40	580	N/A	2005
7916	AMEC	VENTURE	ANNABEL	CP781F	UNSPECIFIED	17	1	4	80	1160	66D-G-E7720A/B	2004
7656	PARSONS E&C	SEIC/SHELL	SAKHALIN PHASE II	RAM500	WATER INJECTION PUMP PACKAGE	333	20	88	241	3495	P-2205 A/B/C	2004
7523	PETROFAC	SPIE CAPAG	AGT PIPELINES	RAM50HCH	CRUDE OIL EXPORT PUMP PACKAGE	83	5	22	83	1204	B12B-P57400	2004
7677	KCC	SHELL NIGERIA	BONNYN-LNG	RAM 50	UNSPECIFIED	N/A	N/A	N/A	N/A	N/A	P-8160A/B	2004
7875	KCC	WOODSIDE	ENFIELD FPSO	CP3821F	GLYCOL CIRCULATION PUMP PACKAGE	34	2	9	114	1650	P3601A/B	2004
7700	AMEC	BP	WEST SOLE CHARLIE PLATFORM	CP3832F	PRODUCED WATER PUMP PACKAGE	80	5	21	27	392	P-4002	2004
7836	SCOTTISH POWER	SCOTTISH POWER	U.K.	RAM40/HCH/CS	GLYCOL INJECTION PUMP PACKAGE	45	3	12	44	638	N/A	2004
7592	HYDROCARBON RESOURCE	BRITISH GAS	ROUGH A PLATFORM	RAM40/45/134/HCH	KNOCK OUT DRUM PUMP PACKAGE	111	7	29	94	1363	N/A	2004
7589	CHEVRON TEXACO		NORTH SEA	RAM40	GLYCOL INJECTION PUMP PACKAGE	72	4	19	80	1160	N/A	2004
7321	CAT PUMPS UK	BRACKETT GREEN	SAKHALIN PHASE II	RAM75R065	SEAWATER RO PUMP PACKAGE	183	11	48	70	1015	4000-P-5202-02A/B	2003
7129	SHELL EXPRO	SHELL EXPRO	BRENT	RAM60	GLYCOL INJECTION PUMP PACKAGE	187	11	49	85	1233	N/A	2003
7373	CAT PUMPS UK	CHEMTECH	UK	RAM75/65/HCH	VEGETABLE OIL & WATER PUMP PACKAGE	190	11	50	40	580	N/A	2003
7496	AD FLUID CONTROL		UK	CP3535	WATER SERVICE PUMP PACKAGE	127	8	34	80	1160	N/A	2003
7388	CIMTAS		TURKEY	CP70	WATER SERVICE PUMP PACKAGE	20	1	5	50	725	N/A	2003
6946	TECHNIP	COFLEXIP	ADNOC OGD PHASE II	RAM75	GLYCOL CIRCULATION PUMP PACKAGE	93	6	24	67	965	40 P 001C	2003
6943	BLUEWATER	BLUEWATER	GLAS DOWR SOEKOR FPSO CRUDE OIL INJECTION PUMP	RAM500HCH	CRUDE OIL EXPORT PUMP PACKAGE	1250	75	330	150	2176	P6320	2003
7123	STEINER	STEINER	WHITEROSE FPSO TOPSIDES	RAM50/25 VHP	GLYCOL INJECTION PUMP PACKAGE	84	5	22	89	1291	41 P 2090	2003
6949	SMITHS	SMITHS	JSP ACTUATION SYSTEM	RAM150/VHP	TEST RIG FUEL PUMP PACKAGE	160	10	42	276	4003	N/A	2002
6992	KPS	STATOIL	KRISTIN / STATOIL	RAM75	TEG INJECTION PUMP PACKAGE	230	14	61	90	1305	24PB001A	2002
6793	KCC	PETROFAC / SEVERTEK	SOUTH SHAPKINO PROJECT	CP3811F & CP3821F	TEG RE-CIRCULATION PUMP PACKAGE	23	1	6	54	783	P2401A/B	2002
6864	KCC	PETROFAC / SEVERTEK	SOUTH SHAPKINO PROJECT	CP3821F	AMINE PUMP PACKAGE	39	2	10	48	702	P4501	2002
6638	AMEC	CORRIB	CORRIB FIELD DEVELOPMENT	RAM250	METHANOL INJECTION PUMP PACKAGE	24	1	6	356	5163	P4004	2002
6859	MOBIL	NORTH SEA	BERYL ALPHA	RAM40	GLYCOL RECIRCULATION PUMP PACKAGE	136	8	36	46	667	N/A	2002



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						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
6785	KCC	FORCADOS	FORCADOS YOKRI PROJECT	RAM50/HCH	GLYCOL RECIRCULATION PUMP PACKAGE	57	3	15	76	1102	05-P-3311 A/B	2002
6669	KCC	ABB	KHUFF GAS DEVELOPMENT PROJECT	RAM76/65	GLYCOL RECIRCULATION PUMP PACKAGE	248	15	66	65	941	422-P-2036A/B	2002
6770	SHELL	SHEARWATER	SHELL SHEARWATER	RAM70 VHP	SPARE STANDBY PUMP	100	6	26	226	3278	P-0190-01 P-0190-02	2002
6665	KCC	SHELL	BONNYN-LNG NIGERIA	RAM50/HCH & CP781F	GLYCOL RECIRCULATION PUMP PACKAGE	95	6	25	90	1305	P-8160A/B	2002
6736/ 6838	MACRO	CALTEX	TEG PUMPS	RAM60/45	BARE SHAFT PUMP	152	9	40	100	1450	N/A	2002
6426	BP UNITY	BP	PIG TESTER		MOBILE TEST UNIT FOR "PIGS"	8	0.5	2	245	3553		2001
6218	CONOCO	HALLIBURTON BROWN & ROOT	CONOCO LOGGS INSTALLATION PWRI PUMP SET	RAM500/100/138 HCH CDA	PRODUCED WATER PUMP PACKAGE	550	33	145	130	1885		2001
6183	CPUK / SLCE	SLCEFRANCE	BORA BORA RO PLANT	RAM152R080 HCH	SEAWATER RO PUMP PACKAGE	667	40	176	68	986		2000
6033	AMEC	BRITISH GAS	ROUGH A PLATFORM	RAM75/60/171/HCH	H2S PUMP PACKAGE	111	7	29	94	1363	AP02-P-5420 A/B	2000
5804	AMEC	MOBIL	SKENE PROJECT	RAM50/55/294/HCH	GLYCOL RECIRCULATION PUMP PACKAGE	130	8	34	59	858		2000
5729	SHELL UK LTD	SHELL UK LTD	LEMAR DELTA	RAM40/25/229/HCH	MEG INJECTION PUMP PACKAGE	14	1	4	120	1740	-	2000
99-5487	BAKER PROCESS	ENPPI	ROSETTA FIELD EGYPT	RAM50/54/296/HCH	RECLAIMED OIL PUMP PACKAGE	125	8	33	122	1762	P-4401A/B	1999
99-5165	ODEBRECHT OIL & GAS SERVICES	SHELL UK EXPLORATION	SHELL SPOTS EXTENSION TO CLIPPER GAD6818	RAM40/40/258/HCH	WASH WATER PUMP PACKAGE	60	4	16	95	1378	PC-ZA-2710	1999
98-5416	REMAC (DUBLIN)	REMAC (DUBLIN)	BORDNAMONA PEAT PLANT PRESS	RAM40/50/160-114/HCH	UNSPECIFIED	58	4	15	55	798		1999
98-5379	BAKER PROCESS	DRESSER KELLOGG ENERGY SERVICES	MOSS GAS E-M FIELD MEG CONDENSATE TREATMENT PACKAGE	RAM40/45/197/HCH	MEG REGENERATION PUMP PACKAGE	58	4	15	85	1227	PJ-1006	1999
98-5381	KCC	BECHTEL/TECHNIP	ADNOC OGD PHASE II	RAM60/65/333/HCH	GLYCOL CIRCULATION PUMP PACKAGE	253	15	67	68	986	47-P-101A/B 48-P-101A/B	1999
97-5026	TEXACO / KVAERNER	WESTERN ENERGY TECHNOLOGY	YETAGUN PROJECT	RAM60/65/248/HCH	CLOSED DRAIN PUMP PACKAGE	11	1	3	33	483	P-1401 A/B	1998
98-5203	COUGAR VALVES	KHORASAN IRAN	T.S.R.# 76/41-85 UREA PLANT (KHPC)	RAM50/45/112/HCH	CONDENSATE PUMP PACKAGE	33	2	9	166	2408		1998
98-5230	MICROTECH POLAND	ABAKO LIMITED	MICROTECH INT LTD, POLAND	RAM70/14/90/HCH	METHANOL INJECTION PUMP PACKAGE	1	0.1	0.3	300	4351		1998
97-4898	AEA TECHNOLOGY	AEA TECHNOLOGY		RAM500/85/205/HCH	DRILL CUTTINGS REINJECTION UNIT	594	36	157	138	2002	ASBAA-P-5751 ASCAA-P-5752	1998
97-4898	AEA TECHNOLOGY	AEA TECHNOLOGY		RAM160/35/190/VHP	DRILL CUTTINGS REINJECTION UNIT	75	4	20	379	5497	ASBAA-P-5751 ASCAA-P-5752	1998
98-5190	REMAC (DUBLIN) LTD	REMAC (DUBLIN) LTD	BORD NA MONA PEAT PLANT PRESS	RAM40/50/160-114/HCH	WATER CONDENSATE PUMP PACKAGE	58	4	15	48	702		1998
98-5202	NYCOMED AMERSHAM NORWAY	NYCOMED AMERSHAM NORWAY		RAM60/65/260/HCH	UNSPECIFIED	208	12	55	55	798	43.4447 / 43.4448	1998
98-5177	SEMBAWANG MARINE & OFFSHORE / KVAERNER	LATOKA ENGINEERING	YETAGUN PROJECT	RAM30/40/245/HCH	GLYCOL CIRCULATION PUMP PACKAGE	57	3	15	79	1150	P-0701 A/B P-0711 A/B	1998
98-5180	PHILLIPS PETCO NORWAY/AKER OFFSHORE	KCC PROCESS EQUIPMENT	ELDFISK 27/E WATER INJECTION PLATFORM	RAM30/40/HCH	GLYCOL CIRCULATION PUMP PACKAGE	53	3	14	70	1015	67-00060/61	1998
97-4987	TOTAL EXPLORATION AND PRODUCTION RUSSIA	HALLIBURTON INTERNATIONAL INC / BROWN & ROOT	KHARYAGA EPF PROJECT	RAM50/45/HCH	DIESEL OIL INJECTION PUMP PACKAGE	83	5	22	143	2074	P6302A/B	1998
97-4025	RAS LANUF OIL & GAS, LIBYA	JAWABY OIL SERVICE		RAM40/55/142/HCH	WASH OIL INJECTION PUMP PACKAGE	60	4	16	48	696		1998
98-5179	VENTURE (GENESIS ENG CONSULTANTS & OFFSHORE DESIGN ENGINEERING)	VENTURE (GENESIS ENG CONSULTANTS & OFFSHORE DESIGN ENGINEERING)	TRENT PLATFORM	RAM40/35/195/HCH	RECLAIMED OIL PUMP PACKAGE	33	2	9	141	2045	KPA-P-37602B	1998
97-5066	AMERADA HESS	BAKER HUGHES	SOUTH ARNE FIELD DEVELOPMENT PROJECT	RAM30/30/245/HCH	GLYCOL RECIRCULATION PUMP PACKAGE	32	2	8	78	1131	P-2101A/B	1998
96-4275	NATIONAL IRANIAN OIL CO	BJ SERVICES / NOWSCO		RAM675/95/400/VHP	FRACTRILER PUMPS	N/A	N/A	N/A	N/A	N/A		1998
98-5247	KVAERNER	CONOCO (UK) LTD	6589 CONOCO THEDDLETHORPE GAS TERMINAL PROJECT	RAM250/47/114/VHP/SS	METHANOL TRANSFER PUMP PACKAGE	83	5	22	364	5276	G-304C	1998
97-4921	BP	BROWN & ROOT (AOC)	BP UNITY RISER PROJECT	RAMCP6545S/353	MOBILE TEST UNIT FOR "PIGS"	8	0.5	2	138	2002		1997



RAM Ref.	Client	Contractor/ Location	Project	Pump Model	Application	Performance					Tag Number	Delivery Date
						Flow			Pressure			
						lpm	m ³ /hr	USgpm	bar	psi		
97-4901	MAERSK OIL	WESTERN ENERGY TECHNOLOGY	QATAR AL-SHAHEEN FIELD	RAM50/30/127/VHP	WELL EQUALISING PUMP PACKAGE	17	1	4	350	5076		1997
96-4481	BP EXPLORATION	TRI-OCEAN	MISCIBLE GAS INJECTION PROJECT	RAM675/85/158/HCH	LPG PUMP PACKAGE	917	55	242	190	2756	GG-P2604A/B	1997
96-4592	MICROTECH INTERNATIONAL LTD	ABAKO LTD	POLISH GAS PROJECT	RAM30/18/140/VHP	METHANOL/GLYCOL PUMP PACKAGE	6	0.4	2	330	4786		1997
97-4759	ARAMCO	KCC/BECHTEL INTERNATIONAL	SHAYBAH PRODUCING FACILITIES	RAM160	LEAN GLYCOL CIRCULATION PUMP PACKAGE	867	52	229	27	392	B07-G-6A/B B07-G-8A/B	1997
96-4747	BRITISH STEEL	BRITISH STEEL	STOCKTON 84" MILL	FG90	UNSPECIFIED	240	14	63	112	1624		1997
97-4815	BRITISH STEEL	BRITISH STEEL	STOCKTON	FG150/50/1500/HCH	PRESSURE WATER PUMP PACKAGE	259	16	68	225	3263		1997
97-4819	PCI MEMBRANES	PCI MEMBRANES		CP3531	WATER/GLUCOSE PUMP PACKAGE	71	4	19	50	725		1997
96-4524	NIS-NAFTAGAS PROMET, SERBIA	PEC INTERNATIONAL	PROJECT 6226-S/96	RAM50/45/225/HCH	WATER INJECTION PUMP PACKAGE	70	4	19	142	2060		1996
96-4529	DAEWOO	DAEWOO	96/97 SWAMP FLOW-LINE CONSTRUCTION WORK NIGERIA	CP654/720	UNSPECIFIED	15	1	4	250	3626		1996
97-4800	ESSO PETROLEUM	AKER MARITIME/ TECH TRADE	BALDER FPU	RAM250/60/138/VHP	METHANOL INJECTION PUMP PACKAGE	167	10	44	250	3626	942-PB 101	1996
97-4701	BLUEWATER OPERATIONS	BLUEWATER OPERATIONS	FSPO UISGE GORM	RAM30	BOILER FEED PUMP PACKAGE	21	1	6	90	1305	B-28-117-1	1996
96-4489	PETROBRAS	KCC	DEPRO/RPSE MARLIM FIELD DEVELOPMENT	RAM40/30/238/HCH	GLYCOL CIRCULATION PUMP PACKAGE	31	2	8	177	2572	P-123301 A/B	1996
95-3824	LASMO NEDERLAND BV	JOHN BROWN	MARKHAM J6A PLATFORM COMPRESSION FACILITIES	RAM160/80/161/HCH	UNSPECIFIED	333	20	88	120	1746	CP-P-3201A CP-P-3201B	1996
96-4403	SAMSUNG HEAVY INDUSTRIES	READ SYSTEMS LTD	VIETNAM GAS UTILIZATION PROJECT - WHITE TIGER	RAM30/35/290/HCH	GLYCOL CIRCULATION PUMP PACKAGE	53	3	14	128	1849	1-P-311 A/B/C/D	1996
95-4176	TEXACO	KVAERNER H&G	ERSKINE DEVELOPMENT	RAM40/40/139/HCH	CLOSED DRAIN PUMP PACKAGE	33	2	9	119	1722	P-3781A/B	1996
95-4357	SAUDI ARAMCO	KCC/BANDARIYAH INTL CORPORATION	ABQAIQ REFINERY	RAM30/55/313	MEG REGENERATION PUMP PACKAGE	142	9	38	53	769	462-G-230/231/232	1996
96-4310	BP EXPLORATION	BROWN & ROOT	FPSO SCHIEHALLION	RAM60	METHANOL INJECTION PUMP PACKAGE	75	5	20	285	4134	P82501A/B P82701	1996
95-4156	AMOCO	TECH-TRADE A/S	VALHALL WELL EQUALISING PUMP	RAM160/45/151/VHP	UNSPECIFIED	100	6	26	345	5004	P-738	1996
95-4283	ARCO BRITISH/ VENTURE			RAM40/40/258/HCH	COMPRESSOR CLEANING SYSTEM	60	4	16	86	1247	P-1634	1995
95-4153	SHELL EXPRO		SHELL SOUTHERN FIELDS UNITS PC PLATFORM	RAM40/40/258/HCH	WASH WATER PUMP PACKAGE	63	4	17	86	1247	PC-ZA-2700	1995
95-4100	SHELL	READ SYSTEMS	SHELL FPU	RAM30/40/146	GLYCOL REGENERATION PUMP PACKAGE	35	2	9	57	827	P-4801 P-4802	1995
94-4016	SHELL UK EXPLORATION	AMEC ENGINEERING	BRENT FIELD DELTA	RAM60	TEG CIRCULATION PUMP PACKAGE	181	11	48	85	1233	BD-P49690 BD-P49695	1995
95-4173	A HAK LTD	A HAK LTD	FALMOUTH JETTY PIPELINE	RAM40/45/260/HCH	UNSPECIFIED	80	5	21	19	274		1995
95-3985	SHELL EXPRO	KVAERNER PALADON	CORMORANT ALPHA/ PELICAN	RAM40/40/137/HCH	GLYCOL INJECTION PUMP PACKAGE	32	2	9	60	867	P-73308A/B	1995
93-3355	SHELL UK EXPLORATION	AMEC ENGINEERING	BRENT FIELD BRAVO	RAM60	TEG CIRCULATION PUMP PACKAGE	181	11	48	86	1243	BB-P49690 BB-P49695	1994
94-3730	PCI MEMBRANES	PCI MEMBRANES		RAM40/35/168	UNSPECIFIED	30	2	8	42	609		1994
94-3774	AEA TECHNOLOGY	AEA TECHNOLOGY		RAM60/45/HCH	DRILL CUTTINGS REINJECTION UNIT	65	4	17	175	2538		1994
94-3960	UNOCAL NETHERLANDS BV	FRAMES PROCESS SYSTEMS BV	Q/1 GAS HOORN MODIFICATIONS	RAM40/35/212/HCH	GLYCOL REGENERATION PUMP PACKAGE	38	2	10	104	1508	P-8405 A/B	1994
94-3853	ROBERT BOSCH	ROBERT BOSCH		RAM60/65/218/HCH	UNSPECIFIED	167	10	44	100	1450		1994
94-3760	SHELL UK	SLP	SOLEPIT COMPRESSION PROJECT - UPGRADE	RAM70/63/HCH	UNSPECIFIED	N/A	N/A	N/A	130	1885	P-2310 P-2315	1994
94-3816	JKX/PPC - POLTAVA UKRAINE	EXPRO		RAM160/100/269/HCH	CRUDE OIL EXPORT PUMP PACKAGE	883	53	233	65	943	PX278-006	1994
94-3795	BROWN & ROOT (BRITOIL)	NATCO	ANDREW DEVELOPMENT	RAM40/35/168	GLYCOL CIRCULATION PUMP PACKAGE	2	0.1	0.5	79	1146	P-11101 A/B	1994
94-3703	SHELL UK EXPLORATION	AMEC ENGINEERING	BRENT FIELD CHARLIE	RAM60/64/HCH	TEG CIRCULATION PUMP PACKAGE	181	11	48	85	1228	BC-P49690 BC-P49695	1994
93-3388	BICC ROD ROLLERS	BICC ROD ROLLERS		RAM375/85/202/HCH	DESCALING PUMP PACKAGE	620	37	164	150	2176		1994

RAM Ref.	Client	Contractor/ Location	Project	Pump Model	Application	Performance					Tag Number	Delivery Date
						Flow			Pressure			
						lpm	m ³ /hr	US gpm	bar	psi		
94-3973	MOBIL	AMEC PROCESS & ENERGY	MOBIL LUBES FLARE HEADER	RAM40/40/147/HCH	CONDENSATE PUMP PACKAGE	35	2	9	45	645	G61-130A	1994
94-3596	KERR MCGEE OIL CO	ATLANTIC POWER & GAS	GRYPHON PROJECT	RAM60/65/350/HCH	WELL SERVICES PUMP PACKAGE	280	17	74	19	271		1993
94-3596	KERR MCGEE OIL CO	ATLANTIC POWER & GAS	GRYPHON PROJECT	RAM40/35/350/HCH	WELL SERVICES PUMP PACKAGE	70	4	18	19	271		1993
93-3619	AMOCO	AMEC ENGINEERING	CAMELOT UPRATING - LEMAN 49/27/AC	RAM60	CONDENSATE PUMP PACKAGE	63	4	17	99	1430	P410A/P410B	1993
93-3433	BP EXPLORATION	BP EXPLORATION	BP WYTC FARM	RAM160/75/248/HCH	REINJECTION PUMP PACKAGE	30	2	8	120	1740	GG-P-2508A/B	1993
92-3442	SHELL	EXPRO	ELEENWA WEST PROJECT, NIGERIA	RAM160/100/229/HCH	CRUDE OIL EXPORT PUMP PACKAGE	811	49	214	48	701		1993
92-3167	CONOCO	JOHN BROWN ENGINEERS	6254 CMS GAS TERMINAL	RAM160/47/114	METHANOL TRANSFER PUMP PACKAGE	89	5	24	364	5275	G-304A/B	1993
93-3582	BP WELTON	CANDECCA RESOURCES		RAM160/60/257/HCH	WELL INJECTION PUMP PACKAGE	326	20	86	180	2611	1993	1993
92-3226	NATIONAL PETROLEUM REFINERS OF SOUTH AFRICA	BADGER BV	NATREF REFINERY EXPANSION PROJECT	RAM40/40/307/VHP	CONDENSATE PUMP PACKAGE	75	5	20	206	2988	J-16102A/B	1992
91-3010	BRITISH GAS	KVAERNER EARL & WRIGHT	NORTH MORECAMBE DEVELOPMENT	FG40/45/131/HCH	KNOCK OUT DRUM PUMP PACKAGE	3	0.2	1	105	1523	P-5601	1992
91-2830	AMERADA HESS	LATOKA ENGLTD	SCOTT FIELD	RAM40/45/240	GLYCOL CIRCULATION PUMP PACKAGE	73	4	19	83	1204	P-1301A/B	1992
91-2838	PHILLIPS PETROLEUM	TECH-TRADE A/S	EMBLA TOPSIDES	FG60	GLYCOL INJECTION PUMP PACKAGE	20	1	5	N/A	N/A	P82501A/B P82701	1992
91-2971	BP PETROLEUM	JOHN BROWN	BP UNITY RISER PLATFORM	CP654/353	HYDRO TEST PUMP PACKAGE	8	0.5	2	241	3495	Y-9003	1992
91-2981	MOBIL	NATCO	BERYL ALPHA	FG40/55/294/220/HCH	GAS DEHYDRATION PUMP PACKAGE	136	8	36	46	667	G/GM/730 A/B 731 A/B	1992
91-2890	BP	SANTA-FE DRILLING	CLYDE PLATFORM	FG40/40/362/VHP	WASH WATER PUMP PACKAGE	5	0.3	1	137	1987		1991
90-2635	BP	PLENTY METROL	BP BRUCE AREA DEVELOPMENT	FG60/45/356/HCH	GLYCOL RECIRCULATION PUMP PACKAGE	136	8	36	88	1276	P-06301 A/B P-06302 A/B	1991
90-2658	MATTHEW HALL	PLENTY METROL	AGIP T BLOCK	FG60/50/356	GLYCOL CIRCULATION PUMP PACKAGE	167	10	44	56	809	310-MPB-01A/01B	1991
91-2601	SHELL UK	JOHN BROWN	SOLEPIT COMPRESSION PROJECT	FG60/65/183/HCH	LIQUID EXPORT PUMP PACKAGE	145	9	38	103	1500	P-2310 P-2315	1991
87-1702	NATIONAL IRANIAN OIL COMPANY	KALA NAFT CO	NIOC KANGAN PROJECT	FG360/65	GLYCOL INJECTION PUMP PACKAGE	558	33	147	90	1305	P7202	1990
90-2426	BP EXPLORATION	BP EXPLORATION	GRANGEMOUTH/ FINNART PIPELINE PROJECT		INJECTION PUMP PACKAGE	8	0.5	2	3	43	P82501A/B P82701	1990
89-2353	BP EXPLORATION	BP EXPLORATION	GRANGEMOUTH/ FINNART PIPELINE PROJECT	CP35	REINJECTION PUMP PACKAGE	83	5	22	N/A	N/A		1990
89-2397	BP PETROLEUM	FOSTER WHEELER	HAMBLE OIL TERMINAL	CP310	HYDRO TEST PUMP PACKAGE	15	1	4	10	145	HT-Z4401	1990
89-2098	BP EXPLORATION (BRIT OIL)	H & G ENGINEERING	BP MILLER DEVELOPMENT	HP360	CORROSION INHIBITOR INJECTION PUMP PACKAGE	378	23	100	173	2509	P-2809	1990
89-2126	AMOCO NORWAY	CED PROJECTS/ TECH-TRADE A/S	AMOCO HOD PROJECT	FG90	WELL EQUALISATION PUMP PACKAGE	19	1	5	346	5021	MA-510	1989
89-2122	BRITISH STEEL	BRITISH STEEL	20" PIPE MILL HARTLEPOOL	FG90/55/1500/HCH	WATER DESCALING PUMP PACKAGE	208	12	55	138	2000		1989
88-2021	TOTAL OIL MARINE	TOTAL OIL MARINE	ST FERGUSSON PROJECT	FG120/65/1800	LIQUID CONDENSATE PUMP PACKAGE	23	1	6	70	1011	G-1410A/B	1989
87-1528	BP PETROLEUM	FOSTER WHEELER	WYTC FARM	FG90	METHANOL INJECTION PUMP PACKAGE	107	6	28	51	744	GG-P-3401A/B/C	1988
88-1796	PETROLA HELLAS GREECE	SNAMPROGETTI	ELEFSIS-GASOIL HDS EXPANSION	CP2521A	WASH WATER PUMP PACKAGE	50	3	13	41	600	100-P-06	1988
87-1619	NATIONAL IRANIAN OIL CO	KALA NAFT CO	NIOC KANGAN PROJECT	FG360/85	GLYCOL CIRCULATION PUMP PACKAGE	558	33	147	90	1305	P-7201A/B	1988