

## Experience List

### HEAT EXCHANGER

ULP CO., LTD

Project Name	Client	End-User	Location	Commodity	Q'ty	Weight (Each)	Weight (Total)	Material	Dimension (mm)			Year
									Th'k	I.D	Length	
Project Name	Client	End-User	Location	Commodity	Q'ty	Weight (Each)	Weight (Total)	Material	Dimension (mm)			Year
									Th'k	I.D	Length	
AL ZOUR	UOP NV	KNPC	Kuwait	Heat Exchanger	3	2.1	6.3	SA516-70N/SA179	10	388	3,602	On going
AL ZOUR	UOP NV	KNPC	Kuwait	Heat Exchanger	3	1.4	4.2	SA516-70N/SA179	10	305	3,353	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	2	49.6	99.2	SA516-70N/SA179	44	1,350	8,310	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	3	82.4	247.2	SA516-70N/SA213-304L	36	1,650	9,090	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	3	102.2	306.6	SA516-70N/SA213-304L	38	1,800	9,592	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	4	181.7	726.8	SA516-70N/SA213-304L	94	2,750	11,695	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	4	55.8	223.2	SA516-70N/SA179	28	1,750	9,221	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	4	158.0	632.0	SA516-70N/SA179 High Flux	23	2,475	16,578	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	0.4	0.4	SA516-70N/SA179	14	87	5,700	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	18.7	18.7	SA516-70N/SA179	23	1,200	5,819	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	9.8	9.8	SA516-70N/SA179	16	900	4,657	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	2.6	2.6	SA516-70N/SA179	10	470	4,210	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	22.0	22.0	SA516-70N/SA179	20	1,000	7,067	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	27.2	27.2	SA516-70N/SA179	26	1,050	8,144	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	9.3	9.3	SA516-70N/SA179	25	600	6,848	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	2	95.5	191.0	SA516-70N/SA179	68	2,150	8,393	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	25.9	25.9	SA516-70N/SA179	40	1,200	7,085	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	22.8	22.8	SA516-70N/SA179	38	1,150	6,535	On going
RFCC	DAELIM	S-Oil	Korea	Heat Exchanger	1	2.2	2.2	SA516-70N/SA179	16	350	4,285	On going
-	SK ENERGY	SK ENERGY	Korea	Heat Exchanger	1	0.2	0.2	SA106-B / SA213-304	10	305	694	2016
ECH2 MVR	SCT	Samsung Fine Chemical	Korea	Heat Exchanger	1	4.2	4.2	SA516-70 / SA213-304	12	2,570	6,000	2015
Catcher FPSO	UOP NV	Premier Oil UK Limited	North Sea	Heat Exchanger	2	4.0	8.0	SA516-70N/ SS316L	26	500	2300	2015
Linear Alkyl Benzene	EDWARD	LABIX	Thailand	Condenser	1	-	-	SA516-60HIC	14	1250	4877	2014
Linear Alkyl Benzene	EDWARD	LABIX	Thailand	Condenser	1	-	-	SA516-60HIC	14	305	2438	2014
Tripoli West	DHIC	GECOL	Libya	Fuel Oil Heater	8	3.5	28.0	SA516-70 / SA179	12	620	5835	2014
Mong Duong	DHIC	AES-VCM	Vietnam	Fuel Oil Heater	2	5.8	11.6	SA516-70 / SA179	16	750	4870	2013
Mong Duong	DHIC	AES-VCM	Vietnam	Recirculation Heater	1	1.6	1.6	SA516-70 / SA179	10	460	2855	2013
Mong Duong	DHIC	AES-VCM	Vietnam	Oil Suction Heater	2	0.6	1.2	SA516-70N / SA179	11	304	2607	2013
Mong Duong	DHIC	AES-VCM	Vietnam	OIL Return Cooler	1	2.2	2.2	SA516-70N / SA179	15	429	4751	2013
MVR	Samsung	S-Oil	Korea	Heat Exchanger	2	102.0	204.0	SA516-70 / A179	19	2420/3360	11036	2013
MVR	Samsung	S-Oil	Korea	Heat Exchanger	2	49.0	98.0	SA516-70 / A179	15	1965	9219	2013
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	3	13.0	39.0	SA516-70N+410S / SA216-TP410	14	1205	6465	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	1	7.6	7.6	SA516-70N+316L / SA213-TP316L	13	788	6134	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	1	9.0	9.0	SA516-70N+304L / SA213-TP304L	12+3.2	940	7533	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	2	27.5	55.0	SA516-70N(H) / SA179	16	1524	8013	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	2	22.0	44.0	SA516-70N(H) / SA179	16	1621	8053	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	1	2.9	2.9	SA516-70N / SA334-6	13	432	5792	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	2	8.7	17.4	SA516-70N / SA213-TP317L	17	889	6269	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	2	10.0	20.0	SA516-70N / SA179	12	874	7792	2012

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Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	1	13.6	13.6	SA516-70N / SA179	13	1100	6651	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	1	5.2	5.2	SA516-70N / SA179	15	863.6	6264	2012
Cartagena	CB&I	REFICA	Colombia	Heat Exchanger	1	5.0	5.0	SA240-S31803 / SA789-S31803	11	584.2	7197	2012
#1 Aromatics	S-OIL	S-OIL	Korea	Heat Exchanger	1	12.0	12.0	SA516-70 / SA179	12	965	7485	2012
ASA	STYROLUTION	STYROLUTION	Korea	Heat Exchanger	1	0.9	0.9	SA516-70N(H) / SA179	10	305	4300	2012
#3 CDU	S-OIL	S-OIL	Korea	Heat Exchanger	1	6.0	6.0	SA516-70 / SA179	13	680	6494	2012
#3 CDU	S-OIL	S-OIL	Korea	Heat Exchanger	1	10.6	10.6	SA516-70N+410S / SA216-TP410	13	1100	4859	2012
ASPHALT PG	S-OIL	S-OIL	Korea	Heat Exchanger	1	27.8	27.8	SA516-70N+316L / SA213-TP316L	16	1750	8413	2012
MHC OGT	S-OIL	S-OIL	Korea	Heat Exchanger	1	8.2	8.2	SA516-70N(H) / SA179N	8	850	7441	2011
MHC OGT	S-OIL	S-OIL	Korea	Heat Exchanger	1	9.7	9.7	SA516-70N / SA334-7N	8	1000	7625	2011
-	HYUNDAI EP	HYUNDAI EP	Korea	Heat Exchanger	1	6.6	6.6	SA516-70N / SA213-TP316L	8	895	6243	2011
DEBUTANIZER	S-OIL	S-OIL	Korea	Heat Exchanger	1	6.1	6.1	SA516-70N+304L / SA213-TP304L	13	679	7506	2011
#2 CDU (E-11956)	S-OIL	S-OIL	Korea	Heat Exchanger	2	4.1	8.2	SA516-70N(H) / SA179	18	670	4788	2011
#1/2 SULFOLANE	S-OIL	S-OIL	Korea	Heat Exchanger	2	1.8	3.6	SA516-70N(H) / SA179	10	350	6963	2011
DEETHANIZER	S-OIL	S-OIL	Korea	Heat Exchanger	2	2.2	4.4	SA516-70N / SA334-6	12	540	4814	2011
DEETHANIZER	S-OIL	S-OIL	Korea	Heat Exchanger	1	6.8	6.8	SA516-70N / SA213-TP316L	10	695	7383	2011
CSC6 NAPHTHA	S-OIL	S-OIL	Korea	Heat Exchanger	1	12.5	12.5	SA516-70N / SA179	13	1070	7363	2010
#2 PP DRYER	SK ENERGY	SK ENERGY	Korea	Heat Exchanger	1	1.2	1.2	SA516-70N+410S / SA216-TP410	10	450/750	3673	2010
LPG RECOVERY	S-OIL	S-OIL	Korea	Heat Exchanger	1	13.2	13.2	SA516-70N+316L / SA213-TP317L	14	990	7910	2011
#3 CDU DESALTER	S-OIL	S-OIL	Korea	Heat Exchanger	1	8.7	8.7	SA516-70 / B111-C44300	13	881	7599	2011
R/K COOLING	FORUS	FORUS	Korea	Heat Exchanger	2	3.3	6.6	SA516-70N+304L / SA213-TP304L	10	539	6963	2010