



LIST OF PROJECT EXPERIENCE EXPERIENCE (1991 - 2000)

NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
1	PT. CALTEX PACIFIC INDONESIA	PT. CALTEX PACIFIC INDONESIA	WATER SOFTENER DUMAI FIELD	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, MIGAS CERTIFICATION AND DELIVERY OF WATER SOFTENER SKID MOUNTED. CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 0.675" THK x 108" DIA x 70' - 0" T/T MATERIAL : ASTM - A - 516 - 70	14 UNIT	1991
2	PT. CALTEX PACIFIC INDONESIA	PT. CALTEX PACIFIC INDONESIA	OIL REMOVAL FILTER DUMAI FIELD	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, MIGAS CERTIFICATION AND DELIVERY OF OIL REMOVAL FILTER SKID MOUNTED. CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 0.750" THK x 96" DIA x 34' - 6" T/T MATERIAL : ASTM - A - 516 - 70	17 UNIT	1991
3	PT. KRAKATAU STEEL	PT. KRAKATAU STEEL	ADDITIONAL PUMP CILEGON	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, SITE INSTALLATION, TESTING, AND COMMISSIONING OF DEMIN WATER PUMP 3250 M3/HR CAPT. INCLUDING PIPING SYSTEM	1 UNIT	1991
4	PT. KRAKATAU STEEL	PT. HUTAMA KARYA	CILEGON	PROCUREMENT, FABRICATION AND PAINTING OF STEEL STRUCTURAL FOR WAREHOUSE BUILDING	1,100 TON	1992
5	PT. CALTEX PACIFIC INDONESIA	PT. INTI JATAM PURA	FILTER COALESCER DUMAI	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND MIGAS CERTIFICATION OF FILTER COALESCER. CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 1.00" THK x 20" DIA x 70" S/RF MATERIAL : ASTM - A - 516 - 70	27 UNIT	1992
6	A S A M E R A	PT. INTI JATAM PURA	FUEL GAS FILTER	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND MIGAS CERTIFICATION OF FUEL GAS FILTER CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 0.625" THK x 16" NPS x 60" S/RF MATERIAL : ASTM - A - 106 - B	4 UNIT	1992
7	P E R T A M I N A	PT. MOELADI	GAS TRANSMISSION PROJECT - SUMATERA	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND MIGAS CERTIFICATION LAUNCHER AND SEPARATOR PIG LAUNCHER & RECEIVER CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 14" NPS x 16" NPS SCH 80 MATERIAL : API - 5L GAS SEPARATOR CODE : ASME SECT. VIII. DIV. 1 SIZE : 26" ID ~ 80" ID LENGTH : 6' - 0" ~ 10" - 0" S/S SHELL THK : 0.75" ~ 2.50" MATERIAL : ASTM - A - 516 - 70	3 UNIT 12 UNIT	1992



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8	PERUSAHAAN LISTRIK NEGARA	VOEST ALPHINE MCE	POWER PLANT 0	SHOP FABRICATION OF STEEL STRUCTUR, CASING, STACK, DUCTING STRUCTURAL MATERIAL : LADDER, PLATFORM, STAIR, RAILING : ASTM - A - 36 CASING MATERIAL : SUS - 304 / 15 MO 3 STACK AND DUCTING MATERIAL : SUS - 304 / 10 CRMO910	600 TON 460 TON 380 TON	1992
9	IPCO GUNA PERSADA	PT. INTI JATAM PURA	FILTER HOUSING	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND MIGAS CERTIFICATION OF FUEL GAS FILTER CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 18" NPS SCH 80 x 60" S/RF MATERIAL : ASTM - A - 106 - B	4 UNIT	1993
10	PERTAMINA	PT. MOELADI	GAS TRASMISSION PROJECT NORT - SUMATERA	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND MIGAS CERTIFICATION OF PRESSURE VESSEL PIG LAUNCHER & RECEIVER CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 16" x 18" NPS - SCH 80 MATERIAL : API - 5LX LP & MP GAS SCRUBBER CODE : ASME SECT. VIII. DIV. 1 SIZE : 38" ID ~ 70" ID LENGTH : 10' - 0" ~ 18' - 0" S/S SHELL THK : 0.75" ~ 1.00" THK MATERIAL : ASTM - A - 516 - 70	12 UNIT 8 UNIT	1993
11	PT. CANDRAASRI	PT. MURINDA	CILEGON	FABRICATION OF SEA WATER INTAKE PIPE & HEAD SIZE : 0.50" THK X 2,200 ID X 240,000 Mm LG MATERIAL : ASTM - A - 36	360 TON	1993
12	PT. ASAHIMAS SUBENTRA CHEMICAL	PT. ASAHIMAS SUBENTRA CHEMICAL	EDC. RESIN FILTER CILEGON	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, DELIVERY AND DEPNAKER CERTIFICATION OF EDC. RESIN FILTER CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 0.75" THK x 1,600 OD x 2,400 T/T MATERIAL : ASTM - A - 516 - 70	2 UNIT	1993
13	PT. ASAHIMAS SUBENTRA CHEMICAL	PT. ASAHIMAS SUBENTRA CHEMICAL	HEAVY OIL STORAGE TANK	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, SITE CONSTRUCTION AND DEPNAKER CERTIFICATION OF HEAVY OIL CONE ROOF STORAGE TANK	1 UNIT	1993



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				CODE : API - 650 VESSEL SIZE : 0.50" THK x 10,000 ID x 12,000 H MATERIAL : ASTM - A - 36		
14	PT. ASAHIMAS SUBENTRA CHEMICAL	PT. ASAHIMAS SUBENTRA CHEMICAL	HEAVY OIL HEATER	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND DEPNAKER CERTIFICATION OF HEAVY OIL HEATHER CODE : NEMA - R VESSEL SIZE : 8" NPS SCH 40 MATERIAL : ASTM - A - 106 - B	1 UNIT	1993
15	PT. ASAHIMAS SUBENTRA CHEMICAL	PT. ASAHIMAS SUBENTRA CHEMICAL	HEAT EXCHANGER	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND DEPNAKER CERTIFICATION OF HEAT EXCHANGER CODE : NEMA - R / ASME SECT. VIII. DIV.1 VESSEL SIZE : 0.50" THK x 1,200 ID x 3,000 S/S MATERIAL : ASTM - A - 516 - 70 TUBE QTY : U-TUBE 1" NPS, 360-EA	1 UNIT	1993
16	PT. TORAY SINTETIC INDONESIA	TAKADA CORP.	IBP - TANGERANG	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, OF DRUM, SILO, COLUMN, CHUT CODE : ASME SECT. VIII. DIV. 1 SIZE : 1,600 ID - 5,200 ID LENGTH : 2,000 MM - 20,000 MM THK : 3.0 MM - 10.0 MM MATERIAL : SUS - 304	33 UNIT	1993
17	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	BUFFER TANK CIBITUNG	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, OF OXYGEN BUFFER TANK CODE : ASME SECT. VIII. DIV. 1 VESSEL SIZE : 0.50" THK x 2,200 ID x 3,500 S/S MATERIAL : ASTM - A - 516 - 70	1 UNIT	1993
18	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	SUPER LINE NITROGEN PIPING - CIBITUNG	PROCUREMENT, FABRICATION AND SITE ERECTION OF SUPER LINE NITROGEN PIPING MATERIAL : SUS - 304L/SUS-316L	2,300 DB	1994
19	PT. CANDRAASRI	PT. TAKADA CORP.	POLYETHELENE PROJ CILEGON	FABRICATION OF PIPE SPOOL MATERIAL : SUS - 304L/SUS-316L/A-106-B	11,000 DB	1994
20	PT. MUGI MAXITHERM INDUSTRIES	PT. MUGI MAXITHERM INDUSTRIES	PRESSURE VESSEL	FABRICATION OF BOILER DRUM CODE : ASME SECT. VIII. DIV. I SIZE : 800 ID - 2,600 ID LENGTH : 2,000 MM - 6,500 MM THK : 0.50" - 1.50" MATERIAL : ASTM - A - 516 - 70	15 UNIT	1994



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
21	PERTAMINA	PT. MOELADI	FIRE WATER STR TANK SUMATERA	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND SITE ERECTION OF FIRE WATER STORAGE TANK CONE ROOF TYPE. CODE : API - 650 SIZE : 16,000 MM DIA x 150,000 MM HG MATERIAL : ASTM - A - 36	1 UNIT	1994
22	PT. BAKRIE KASEI	FURNACE ENGINEERING INC - JAPAN	BKC. II - F UNIT II MERAK	FABRICATION AND SITE CONSTRUCTION OF FURNISH HEATER COMPLETE ASSEMBLY SIZE : 6,000 DIA x 38,000 HG MATERIAL : ASTM - A - 36 / A - 106 - B	360 TON	1994
23	PT. BAKRIE KASEI CORPORATION	JGC - CORPORATION	BKC - II F MERAK	PROCUREMENT, FABRICATION AND TRANSPORTATION OF SEA WATER INTAKE PIPE SIZE : 0.50"THK x 1,800 DIA X 130,000 Lg MATERIAL : ASTM - A - 36	86 TON	1994
24	PT. BAKRIE KASEI CORPORATION	JGC - CORPORATION	BKC - II F MERAK	FABRICATION AND DELIVERY OF PRESSURE VESSELS CODE : ASME SECT. VIII. DIV. 1 SIZE : 0.50"THK x 2,200 DIA X 3,600 T/T MATERIAL : SUS - 304	3 UNIT	1994
25	PERUSAHAAN LISTRIK NEGARA (PLN)	SHILLELAGH LIMITED	FUEL LOADING / UNLOADING FACILITIES MUARA TAWAR	PROCUREMENT, FABRICATION, FOAM FILLING AND DELIVERY OF MOORING BOUY MOORING BOUY SIZE : 0.50" THK x 3,000 DIA x 4,600 H MATERIAL : ASTM - A - 36 SINKER BLOCK SIZE : 2,500 W x 2,5500 L x 3,000 H MATERIAL : CONCRETE WEIGHT : 36 - TON/EA	6 UNIT 6 UNIT	1994
26	MINAHASA GOLD MINNING	TRANS BAKRIE	GOLD MINNING PLANT MINAHASA	FABRICATION OF STEEL STRUCTURAL, LADDER, PLATFORM, RAILING, STAIR, COLUMN, BRACING MATERIAL : ASTM - A - 36	188 TON	1995
27	PERUSAHAAN LISTRIK NEGARA (PLN)	PT. NISCONI - NIPPON STEEL CONSTRUCTION INDONESIA	FUEL LOADING / UNLOADING FACILITIES GRATI	PROCUREMENT, FABRICATION, PAINTING, FOAM FILLING AND DELIVERY OF MOORING BOUY MOORING BOUY SIZE : 0.50" THK x 3,000 DIA x 4,600 H MATERIAL : ASTM - A - 36 SINKER BLOCK	6 UNIT 6 UNIT	1995



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				SIZE : 2,500 W x 2,500 L x 3,000 H MATERIAL : CONCRETE WEIGHT : 36 - TON/EA		
28	PT. IPCO GUNA PERSADA	PT. ASDAR WAHYU BERKAH	IPCO GUNA PERSADA CIKARANG	ENGINEERING DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF FILTER HOUSING CODE : ASME SECT. VIII. DIV. 1 SIZE : 14" NPS SCH 80 x 94" S/RF MATERIAL : ASTM - A - 106 - B	4 UNIT	1995
29	MINAHASA GOLD MINNING	PT. TRANS BAKRIE	GOLD MINNING PLANT MINAHASA	FABRICATION OF, CHUT, BIN, DRUM, STACK MATERIAL : ASTM - A - 36	48 TON	1995
30	PT. BAKRIE KASEI CORPORATION	JGC - CORPORATION	BKC - II F, UNIT II MERAK	FABRICATION AND SITE ERECTION OF CULVERT PIPING SIZE : 6" NPS ~ 12" NPS MATERIAL : ASTM-A-36/SUS-304/PVC	166 TON	1995
31	PERUSAHAAN LISTRIK NEGARA (PLN)	MITSUBISHI CORP	FUEL LOADING / UNLOADING FACILITIES MUARA TAWAR	PROCUREMENT, FABRICATION OF PIPE LINE AND MANIFOLD SKID MOUNTED MATERIAL : ASTM - A - 36/A - 106 - B	38 TON	1995
32	AR II	PT. CATUR YASA	FILTER COALESCER	PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF FILTER COALESCER CODE : ASME SECT. VIII. DIV. 1 SIZE : 8" NPS SCH 160 x 96" S/RF MATERIAL : ASTM - A - 106 - B	1 UNIT	1995
33	POLYSINDO	POLYSINDO	FILTER COALESCER CIKARANG	PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF FILTER COALESCER CODE : ASME SECT. VIII. DIV. 1 SIZE : 14" NPS SCH 40 x 95" S/RF MATERIAL : ASTM - A - 106 - B	2 UNIT	1995
34	P E R T A M I N A	BUKAKA KUJANG PRIMA	FILTER COALESCER	PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF FILTER COALESCER CODE : ASME SECT. VIII. DIV. 1 SIZE : 16" NPS SCH 80 x 95" S/RF MATERIAL : ASTM - A - 106 - B	2 UNIT	1995
35	PT. MUGI MAXITHERM INDUSTRIES	PT. MUGI MAXITHERM INDUSTRIES	PALM OIL PLANT SUMATERA	FABRICATION OF BOILER DRUM CODE : ASME SECT. VIII. DIV. 1 SIZE : 1,500 ID ~ 2,600 ID LENGTH : 3,000 ~ 6,500 THK : 1.00" ~ 1.50" MATERIAL : ASTM - A - 516 - 70	140 TON	1995



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
36	PT. BAKRIE KASEI CORPORATION	TAKADA CORPORATION	BKC - II F, UNIT II MERAK	FABRICATION OF CULVERT PIPING SIZE : 6" NPS ~ 10" NPS SCH 40 MATERIAL : ASTM - A - 106 - B	5,600 DB	1995
37	PT. CABOT	CMPS INDONESIA	CARBON BLACK PLANT UNIT II - MERAK	FABRICATION AND DELIVERS OF OFF QUALITY TANK CODE : ASME SECT. VIII. DIV. 1 SIZE : 6.0 THK x 6,000 ID x 8,000 H MATERIAL : SUS - 316 - L	1 UNIT	1996
38	PT. CABOT	CMPS INDONESIA	CARBON BLACK PLANT UNIT II - MERAK	FABRICATION AND DELIVERS OF OFF : PROCESS FILTER SIZE : 6.0 THK x 3,500 W x 4,000 LG x 6,000 H MATERIAL : SUS - 316 - L. SAF - 2205 PURGE FILTER SIZE : 8.0 THK x 3,000 W x 3,500 LG x 6,000 H MATERIAL : SUS - 316 - L. SAF - 2205 ADDITIVE TANK SIZE : 6.0 THK x 1,500 W x 2,500 LG x 1,500 H MATERIAL : SUS - 316 FLUFFY SAMPLER SIZE : 6.0 THK x 1,000 W x 1,000 LG x 1,000 H MATERIAL : SUS - 316 FLARE STACK SIZE : 0.50" THK x 1,800 DIA x 24,000 H MATERIAL : 253 - MA	1 UNIT 1 UNIT 1 UNIT 1 UNIT	1996
39	PT. CABOT	Mc. CONNELL DOWEL INDONESIA	CARBON BLACK PLANT UNIT - II - MERAK	FABRICATION AND DELIVERY OF DUCTING SIZE : 6.0 THK x 800 DIA ~ 1,200 DIA LENGTH : 16,000 MATERIAL : SUS - 316	44 TON	1996
40	PT. BAKRIE KASEI	TAKADA CORPORATION	LOADING BRIDGE BKC - MERAK	ENGINEERING DESIGN, PROCUREMENT, FABRICATION AND SITE INSTALLATION OF LOADING BRIDGE INCLUDING DOCK LEVELLER MATERIAL : ASTM - A - 36	28 TON	1996
41	P E R T A M I N A	PT. BETA SURYA	CEMARA AND CILAMAYA STATION	ENGINEERING DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF GAS SCRUBBER, TEST SEPARATOR, KO DRUM CODE : ASME SECT. VIII. DIV. 1 SIZE : 28 ID ~ 42 ID	6 UNIT	1996



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				LENGTH : 8-0" ~ 15-0" S/S THK : 0.50" THK ~ 1.00" THK MATERIAL : ASTM - A - 516 - 70		
42	BAULDERSTONE ENGINEERING	PT. TRANS BAKRIE	COAL TERMINAL PULAU LAUT	FABRICATION OF PENSTOCK SIZE : 40 THK x 1,600 DIA x 210,000 LG MATERIAL : ASTM - A - 516 - 70	332 TON	1996
43	BAULDERSTONE ENGINEERING	BAULDERSTONE ENGINEERING	COAL TERMINAL PULAU LAUT	PROCUREMENT, FABRICATION OF POONTON SIZE : 6.0 THK x 6,000 W x 1,200 LG x 3,000 H MATERIAL : ASTM - A - 36	3 UNIT	1996
44	H U S K Y	PT. ASDAR WAHYU BERKAH	CARTRIDGE FILTER	ENGINEERING DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF CARTRIDGE FILTER CODE : ASME SECT. VIII. DIV. 1 SIZE : 12" NPS SCH 160 x 96" S/RF MATERIAL : ASTM - A -106 - B	1 UNIT	1996
45	P O L Y P E T	PT. TRANS BAKRIE	DEG TANK UNIT II - ANYER	ENGINEERING DESIGN, PROCUREMENT, FABRICATION SITE INSTALLATION AND COMMISIONNING OF DEG STORAGE TANK INCLUDING PIPING WORK, PUMP INSTAL, INSTRUMENTATION, ELECTRICAL. DEG TANK CODE : API - 650 SIZE : 6.0 THK x 6,000 DIA x 6,000 HG MATERIAL : SUS - 304L PIPING SIZE : 2" NPS ~ 6" NPS SCH 40 MATERIAL : SUS - 304L	1 UNIT 1 LOT	1996
46	P E R T A M I N A	PT. BETA SURYA	CEMARA STATION PROJECT	ENGINEERING DESIGN, PROCUREMENT, FABRICATION AND DELIVERY OF FLARE STACK SIZE : 10" NPS SCH 80 x 60' - 0' Lg MATERIAL : ASTM - A -106 - B	1 UNIT	1996
47	PT. DEPNUSA ROGA PLANINDO	PT. DEPNUSA ROGA PLANINDO	LAMPUNG SUMATERA	PROCUREMENT, FABRICATION AND DELIVERY TO SITE OF MIXER DRUM. CODE : ASME SECT. VIII. DIV. 1 SIZE : 20.0 THK x 6,200 DIA x 15,400 T/T MATERIAL : A - 516 - 70	1 UNIT	1996
48	CONTINENTAL CARBON INDONESIA	CONTINENTAL CARBON INDONESIA	BOJONEGARA M E R A K	PROCUREMENT AND FABRICATION OF - ELEVATOR CASING - SREW CONVEYOR - FAN CASING	36 TON	1996



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				MATERIAL : SUS - 316 L		
49	PT. BILFINGER + BERGER INDONESIA	PT. BILFINGER + BERGER INDONESIA	C I L E G O N	PROCUREMENT AND FABRICATION OF HOOPER SIZE : 8.0 THK x 1,600 DIA x 2,600 LG MATERIAL : SS - 41	4 UNIT	1996
50	PT. SATOMO INDOVYL MONOMER	PT. ISTANA KARANG LAUT	VCM. PLANT PROJECT M E R A K	PRESSURE VESSEL FABRICATION AND DEPNAKER CERTIFICATION CODE : ASME SECT. VIII. DIV. 1 SIZE : 800 mm ID ~ 3,200 mm ID LENGTH : 2,800 mm S/S ~ 25,000 mm S/S THK : 0.50" ~ 1.00" MATERIAL : ASTM - A - 516 - 70	46 UNIT	1996
51	PERTAMINA - CILAMAYA	PT. ISTANA KARANG LAUT	PERTAMINA - CILAMAYA	PRESSURE VESSEL FABRICATION AND M I G A S CERTIFICATION CODE : ASME SECT. VIII. DIV. 1 SIZE : 24" ID ~ 30" ID LENGTH : 6' - 0" S/S ~ 10' - 0" S/S THK : 0.50" THK ~ 0.75" THK MATERIAL : ASTM - A - 516 - 70	8 UNIT	1996
52	P E R T A M I N A	PT. BETA SURYA	PERTAMINA - CILAMAYA	FLARE STACK FABRICATION SIZE : 12" NPS DIA SCH 80 LENGTH : 20,000 MM MATERIAL : ASTM - A - 106 B	1 UNIT	1996
53	PT. CABOT INDONESIA	PT. CMPS INDONESIA	CABOT II - CILEGON	HOPPER FABRICATION MATERIAL : SUS - 316	16 TON	1996
54	PT. CONTINENTAL CARBON INDONESIA	PT. CONTINENTAL CARBON INDONESIA	M E R A K	SREW CONVEYOR FABRICATION AND SITE ERECTION MATERIAL : SUS - 316	8 TON	1996
55	PT. CONTINENTAL CARBON INDONESIA	PT. TRUBA JURONG	CCI - MERAK	VERTICAL STORAGE ELEVATOR FABRICATION MATERIAL : SUS - 316	18 TON	1996
56	PT. ASAHIMAS SUBENTRA CHEMICAL	TAKADA CORPORATION	ASC - ANYER	PIPING FABRICATION AND SITE ERECTION WORK MATERIAL : SUS - 316L / ASTM - A - 106 - B	2,600 DB	1996
57	TORAY INDONESIA	TAKADA CORPORATION	IBP - PROJECT - II TANGERANG	PIPING FABRICATION AND SITE ERECTION WORK MATERIAL : SUS - 316L / ASTM - A - 106 - B	80,000 DB	1996
58	TORAY INDONESIA	TAKADA CORPORATION	IBP - PROJECT - II TANGERANG	STEEL STRUCTURAL FABRICATION, LADDER, STAIR, PLATFORM, RAILING, SUPPORT	210 TON	1996



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				MATERIAL : SS - 400		
59	UNOCAL	PALL - SINGAPORE	UNOCAL - BALIKPAPAN	HOUSING FILTER FABRICATION AND MIGAS CERTIFICATION CODE : ASME SECT. VIII. DIV. 1 SIZE : 18" NPS DIA x 6' - 0" S/RF MATERIAL : ASTM - A - 106 - B	2 UNIT	1997
60	UNOCAL	PORTOIL - SINGAPORE	UNOCAL - BALIKPAPAN	DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF HYDROCYCLONE DESANDER CODE : ASME SECT. VIII. DIV. 1 SIZE : 10" NPS ~ 20" NPS SCH 40 LENGTH : 6' - 10" S/S MATERIAL : ASTM - A - 106 - B	10 UNIT	1997
61	AR II	PT. ISTANA KARANG LAUT	LNA / YA RELOCATION PROJECT	FABRICATION OF PRESSURE VESSEL AND MIGAS CERTIFICATION CODE : ASME SECT. VIII. DIV. 1 SIZE : 26" ID ~ 48" ID THK : 0.75" - 2.00" LENGTH : 8' - 0" ~ 10' - 0" MATERIAL : ASTM - A - 516 - 70	9 UNIT	1997
62	TOTAL INDONESIA	PT. GUNANUSA UTAMA FABRICATION	C I L E G O N	ROLLING PLATE DIA : 48" ID THK : 2.00" MATERIAL : E - 36 k	70 TON	1997
63	TOTAL INDONESIA	PT. SANGGAR KALTIM JAYA	KALIMANTAN	ROLLING PLATE DIA : 46" ID THK : 1.50" MATERIAL : E - 36 k	110 TON	1997
64	AR II	PT. GUNANUSA UTAMA	C I L E G O N	DESIGN, PROCUREMENT, FABRICATION AND DELIVERY OF INTRIBITOR TANK SKID MOUNTED COUMplete WITH SKID, PIPING, ELECTRICAL, INSTRUMENTATION. MATERIAL : SUS - 316L	12 TON	1997
65	PT. KRETINDO AGAPE	PT. KRETINDO AGAPE	BATCHING PLANT	DESIGN, PROCUREMENT, FABRICATION AND SITE ERECTION WORK OF CEMENT SILO CAPT. 60 M3 CODE : API - 650 SIZE : 0.375" THK x 3,500 ID x 14,000 HG MATERIAL : ASTM - A - 36	2 UNIT	1997
66	PT. PENI	JGC CORPORATION	PENI - MERAK	DESIGN, PROCUREMENT, FABRICATION AND DELIVERY OF BOILER CHIMNEY SIZE : 0.50" THK x 1,500 ID x 15,000 LG MATERIAL : ASTM - A - 36	1 UNIT	1997



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67	SANTA FE	PT. ISTANA KARANG LAUT	SANTA FE - JABUNG	FABRICATION OF DOUBLE STACK SIZE : 36" DIA AND 18" DIA LENGTH : 17,000 MATERIAL : ASTM - A - 516 - 70	1 UNIT	1997
68	MOBIL OIL	PT. PURNA BINA INDONESIA	MOBIL PASE "A": DEVELOPMENT FIELD LOKSUKON	DESIGN, PROCUREMENT, FABRICATION OF FUEL TANK CODE : API - 650 SIZE : 0.50" THK x 3,000 ID x 4,500 HG MATERIAL : ASTM - A - 516 - 70	3 UNIT	1997
69	MOBIL OIL	PT. PURNA BINA INDONESIA	MOBIL PASE "A": DEVELOPMENT FIELD LOKSUKON	DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF PRESSURE VESSEL CODE : ASME SECT. VIII. DIV. 1 SIZE : 36" ID ~ 48" ID THK : 0.75" ~ 1.00" LENGTH : 8' - 0" ~ 10' - 0" S/S MATERIAL : ASTM - A - 516 - 70	3 UNIT	1997
70	PT. ASAHIMAS SUBENTRA CHEMICAL	TAKADA CORPORATION	ASAHIMAS - ANYER	DESIGN, PROCUREMENT, FABRICATION, DELIVERY AND DEPNAKER CERTIFICATION OF TOWER CODE : ASME SECT. VIII. DIV. 1 SIZE : 0.625" THK x 36" ID x 7' - 0" LG MATERIAL : ASTM - A - 516 - 70	1 UNIT	1997
71	TORAY - INDONESIA	TAKADA CORPORATION	IBP - II	FABRICATION AND DELIVERY OF STEEL STRUCTURAL PLATFORM, LADDER, RAILING, STAIR, SUPPORT MATERIAL : ASTM - A - 36	210 TON	1997
72	AIR LIQUIDE INDONESIA	PURI LAGADEG SAKTI - ISTANA KARANG LAUT	OXYGEN PLANT KRAKATAU - II CILEGON	FABRICATION AND SITE CONSTRUCTION WORK OF OXYGEN PLANT 600 TON / DAY CAPT. PIPING WORK MATERIAL : SUS - 316L STEEL STRUCTURAL WORK MATERIAL : ASTM - A - 36 MECHANICAL WORK EXHANGER PACKAGE LP COLUMN PACKAGE MP COLUMN PACKAGE ARGON COLD BOX COLUMN PACKAGE CRYOGENIC PUMPS PACKAGE	1 LOT 430,000 DB 680 TON 8 TON 140 TON 320 TON 430 TON 86 TON	1997



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NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				COMPRESSOR PACKAGE	230 TON	
73	UNOCAL - INDONESIA	FORTOIL - SINGAPORE	UNOCAL - BALIKPAPAN	DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF GAS FILTER COALESCER CODE : ASME SECT. VIII. DIV. 1 SIZE : 12" ID ~ 18" ID LENGTH : 8' - 0" ~ 10' - 0" S/S THK : SCH 80 MATERIAL : ASTM - A - 106 - B	10 UNIT	1997
74	UNOCAL - INDONESIA	PT. ASDAR WAHYU BERKAH	UNOCAL - BALIKPAPAN	DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF GAS FILTER COALESCER CODE : ASME SECT. VIII. DIV. 1 SIZE : 12" NPS SCH 80 x 96" S/RF MATERIAL : ASTM - A - 106 - B	2 UNIT	1997
75	PT. SIEMENS INDONESIA	PT. SIEMENS INDONESIA	C I L E G O N	ROLLING PLATE MATERIAL : ASTM - A - 516 - 70	460 TON	1997
76	PT. SIEMENS INDONESIA	PT. SIEMENS INDONESIA	PAITON II	ASSEMBLY, WELDING, EXPANDING OF CONDESOR SIZE : 6,000 W x 12,000 LG x 6,000 H TUBE : 1" DIA x 12,000 LG = 36,000 TUBE	185 TON	1997
77	JGC CORPORATION	I - PEX	T U B A N	PROCUREMENT, FABRICATION, GALVANIZING AND DELIVERY OF STEEL STRUCTURAL, LADDER, PLATFORM, RAILING, STAIR, SUPPORT INCLUDING GRATING	22 TON	1997
78	JGC CORPORATION	JGC CORPORATION	T U B A N	PROCUREMENT, FABRICATION, GALVANIZING AND DELIVERY OF STEEL STRUCTURAL, LADDER, PLATFORM, RAILING, STAIR, SUPPORT INCLUDING GRATING	35 TON	1997
79	PETRO JAYA BOARD	PETRO JAYA BOARD	C I L E G O N	PROCUREMENT, FABRICATION, GALVANIZING AND DELIVERY OF STEEL STRUCTURAL, LADDER, PLATFORM, RAILING, STAIR, SUPPORT INCLUDING GRATING	45 TON	1997
80	PETRO JAYA BOARD	PETRO JAYA BOARD	C I L E G O N	PROCUREMENT, FABRICATION AND DELIVERY OF DUCTING MATERIAL : SUS - 316L / 253 - MA	23 TON	1997
81	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	C I L E G O N	PIPE LINE INSTALLATION FOR OXYGEN AND NITROGEN SIZE : 8" NPS AND 12" NPS SCH 40 MATERIAL : ASTM - A - 106 - B	22 KM	1997
82	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	C I L E G O N	FABRICATION AND SITE INSTALLATION OF METERING SKID MOUNTED FOR OXYGEN AND NITROGEN	12 UNIT	1998
83	SEI - IHI	I - PEX	SEI - MEREAK	PRE FABRICATION OF STORAGE TANK CONE ROOF AND DOME ROOF TYPE CODE : API - 650	8 UNIT (310 TON)	1998



LIST OF PROJECT EXPERIENCE EXPERIENCE (1991 - 2000)

NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				SIZE : 8,000 ID ~ 28,000 ID HIGH : 8,000 ~ 22,000 MATERIAL : SUS - 304 / ASTM - A - 283 - C		
84	PT. BAKRIE KASEI	TAKADA CORPORATION	B K C - M E R A K	PROCUREMENT, FABRICATION, GALVANIZING AND DELIVERY OF STEEL STRUCTURAL, LADDER, PLATFORM, RAILING, STAIR, SUPPORT INCLUDING GRATING	85 TON	1998
85	TAKADA CORPORATION	PT. DEPNUSA ROGA PLANINDO	WORKSHOP FACILITY	DESIGN, FABRICATION AND SITE CONSTRUCTION OF WORKSHOP AND OFFICE FACILITY WORKSHOP STEEL STRUCTURAL CIVIL BUILDING FOR OFFICE	85 TON 2,600 M2	1998
86	N I G A T A	I - P E X	C I K A R A N G	FABRICATION AND DELIVERY OF SMALL TANK AND DRUM SIZE : 24" NPS ~ 2,500 ID MATERIAL : SUS - 304	18 TON	1998
87	PT. SIEMENS INDONESIA	PT. SIEMENS INDONESIA	C I L E G O N	ROLLING PLATE	430 TON	1998
88	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	C I L E G O N	FABRICATION AND SITE CONSTRUCTION OF NITROGEN HIGH PURITY AND HIGH PRESSURE STATION PIPING WORK MATERIAL : SUS - 316L STEEL STRUCTURAL WORK EQUIPMENT INSTALLATION WORK NITROGEN PUMP PACKAGE COMPRESSOR PACKAGE CRYGENIC TANK PACKAGE VAPORIZER PACKAGE NITROGEN PURIFICATION PACKAGE NITROGEN BOTLE	38,000 DB 34 TON 2 UNIT 1 UNIT 1 UNIT 1 UNIT 1 UNIT 600 UNIT	1998
89	LAPINDO BRANTAS	LAPINDO BRANTAS	SEPARATOR	DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF REMOVABLE TEST SEPARATOR SKID MOUNTED CODE : ASME SECT. VIII. DIV. 1 SIZE : 1.50" THK x 48" ID x 8' - 0" S/S MATERIAL : ASTM - A - 516 - 70	1 UNIT	1998
90	PT. SIEMENS INDONESIA	PT. SIEMENS INDONESIA	SALTA - ARGENTINA	ASSEMBLY, WELDING EXPANDING OF CONDESOR SIZE : 3,000 W x 12,000 LG X 8,000 H TUBE : 1" DIA x 12,000 LG = 14,000 TUBE	130 TON	1998
91	PT. DEPNUSA ROGA	PT. DEPNUSA ROGA	CPU OIL STORAGE	DESIGN PROCUREMENT AND CONSTRUCTION	2 UNIT	1998



LIST OF PROJECT EXPERIENCE EXPERIENCE (1991 - 2000)

NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
	PLANINDO	PLANINDO	TANK	OF STORAGE TANK CONE ROOF TYPE CODE : API - 650 SIZE : 18,000 DIA x 20,000 H MATERIAL : SUS - 304L		
92	TOTAL INDONESIA	H & H INTERNATIONAL	KALTIM	ROLLING PLATE SIZE : 1.50" THK x 2,200 DIA MATERIAL : E - 36 K	78 TON	1998
93	PERTAMINA - GULF	PT. LERINDO	JAMBI - EOR	DESIGN, PROCUREMENT, FABRICATION AND MIGAS CERTIFICATION OF GAS FILTER COALESCER CODE : ASME SECT. VIII. DIV. 1 SIZE : 6" NPS SCH 80 x 96" S/RF MATERIAL : ASTM - A - 106 - B	3 UNIT	1998
94	PT. DONGJIN INDONESIA	PT. DONGJIN INDONESIA	WAREHOUSE ANYER	DESIGN, PROCUREMENT, FABRICATION, CONSTRUCTION AND PAINTING OF STEEL STRUCTURAL FOR WAREHOUSE	55 TON	1998
95	PT. LAPINDO BRANTAS	PT. LAPINDO BRANTAS	LAUNCHER AND RECEIVER	ENGINEERING DESIGN, PROCUREMENT, FABRICATION, AND MIGAS CERTIFICATION OF PRESSURE VESSEL. PIG LAUNCHER & RECEIVER CODE : ASME SECT. VIII. DIV.1 VESSEL SIZE : 8" x 6" NPS - SCH. 80 MATERIAL : API - 5 LX	2 UNIT	1998
96	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	C I L E G O N	PIPE LINE INSTALLATION FOR NITROGEN SIZE : 3", 4 " AND 8" NPS SCH 40 MATERIAL : ASTM - A - 106 - b	3.0 KM	1998
97	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	MODIFICATION OF REACTOR SIZE : 2800 DIA x 3000 Hg MATERIAL : SUS - 304 L	18 UNIT	1999
98	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	M E R A K	OXYGEN PLANT CONSTRUCTION	1 LOT	1999
99	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	CIBITUNG - BEKASI	UNDER GROUND PIPELINE 3" DIA FOR NITROGEN	1,2 KM	1999
100	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	DECANTER TANK FABRICATION SIZE : 2500 DIA x 4000 H MATERIAL : SUS - 304	5 UNIT	1999
101	PT. NITSHOKU TRYPOLYTA	PT. NITSHOKU TRYPOLYTA	A N Y E R	INHIBITOR TANK FABRICATION	1 UNIT	1999



LIST OF PROJECT EXPERIENCE EXPERIENCE (1991 - 2000)

NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
	ACRYLINDO (NTA)	ACRYLINDO (NTA)		SIZE : 2300 DIA x 3600 H MATERIAL : SUS - 304		
102	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	UNDER GROUND PIPELINE FOR H2SO4 TRANSFER LINE SIZE : 3" SCH. 40 MATERIAL : SUS - 304	1,6 KM	1999
103	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	UNDER GROUND PIPELINE FOR CHLORINE TRANSFER LINE SIZE : 2" SCH. 40 MATERIAL : SUS - 304	1,4 KM	1999
104	PT. DYSTAR INDONESIA	PT. DYSTAR INDONESIA	C I L E G O N	RECOVERY TANK FABRICATION SIZE : 1600 DIA x 3200 S/S MATERIAL : SUS - 316 L	2 UNIT	1999
105	PT. SATOMO INDOVYL MONOMER	PT. SATOMO INDOVYL MONOMER	M E R A K	FABRICATION OF HYDROGEN COLLER SIZE : 1800 DIA x 3400 S/S MATERIAL : SA - 516.70 THICKNESS : 5/8 INCH	2 UNIT	1999
106	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	UREA DISSOLVING SYSTEM FABRICATION AND CONSTRUCTION	1 LOT	1999
107	PT. ASAHIMAS CHEMICAL	PT. ASAHIMAS CHEMICAL	A N Y E R	FABRICATION AND MODIFICATION H2SO4 ELLIPSOIDAL TANK LORRY SIZE : 2300 DIA x 5500 Lg MATERIAL : SUS - 304	16 UNIT	1999
108	PT. NITSHOKU TRYPOLYTA ACRYLINDO (NTA)	PT. NITSHOKU TRYPOLYTA ACRYLINDO (NTA)	A N Y E R	FABRICATION DEODORIZATION COLUMN SIZE : 2500 DIA x 4000 S/S MATERIAL : SUS - 316	1 UNIT	1999
109	POLYPRIMA KARYA PERSADA	POLYPRIMA KARYA PERSADA	A N Y E R	FABRICATION OF TITANIUM INSERT PIPE	1 UNIT	1999
110	PT. NITSHOKU TRYPOLYTA ACRYLINDO (NTA)	PT. NITSHOKU TRYPOLYTA ACRYLINDO (NTA)	A N Y E R	FABRICATION OF WASTE WATER TANK SIZE : 3200 DIA x 5600 H MATERIAL : SUS - 304 L	1 UNIT	1999
111	PT. ASAHIMAS CHEMICAL	PT. ASAHIMAS CHEMICAL	A N Y E R	FABRICATION AND MODIFICATION H2SO4 ELLIPSOIDAL TANK LORRY SIZE : 2300 DIA x 5500 Lg MATERIAL : SUS - 304	22 UNIT	2000
112	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	FABRICATION AND CONSTRUCTION OF HDCA RECOVERY TANK	1 UNIT	2000



LIST OF PROJECT EXPERIENCE EXPERIENCE (1991 - 2000)

NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
				SIZE : 9600 DIA x 8800 H MATERIAL : SUS - 304		
113	PT. CALTEX PACIFIC INDONESIA	PT. BHUANA AMBARA MANUNGGAL	PEKAN BARU	FABRICATION OF STEAM WATER SEPARATOR SKID MOUNTED SIZE : 1200 DIA x 6400 S/S MATERIAL : SA - 516 - 70	1 UNIT	2000
114	PT. SIEMENS INDONESIA	PT. SIEMENS INDONESIA	C I L E G O N	ROLLING PLATE THICKNESS : 25 MM - 60 MM MATERIAL : SA - 516 - 70	360 TON	2000
115	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	CIBITUNG - BEKASI	UNDER GROUND PIPELINE SIZE : 8" SCH.40 FOR NITROGEN SIZE : 3" SCH.40 FOR OXYGEN	2,8 KM 1,6 KM	2000
116	PT. KABOT INDONESIA	PT. KABOT INDONESIA	M E R A K	FLARE STACK FABRICATION AND SITE INSTALLATION SIZE : 1200 DIA x 46 MH	1 LOT	2000
117	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	C I L E G O N	UNDER GROUND PIPELINE SIZE : 2" SCH.40 FOR OXYGEN LINE	2,6 KM	2000
118	P E R T A M I N A	PT. EKA AGUSTA CEMERLANG	C I K A R A N G	FABRICATION OF HP SEPARATOR SIZE : 1200 DIA x 3800 S/S MATERIAL : 1" THK, SA - 516 - 70	1 UNIT	2000
119	A R I I	PT. RAGA PERKASA EKAGUNA	J A K A R T A	FABRICATION OF FIRE WATER COLUMN INCLUDING INTERNAL CORROGLASS LINNING SIZE : 24"	25 M	2000
120	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	NEW AIR COMPRESSOR INSTALLATION WITH PIPING WORK INSTRUMENTATION AND ELECTRICAL	1 LOT	2000
121	TURKMENISTAN POLYPROPYLENE	PT. I-PEX ASIA PACIFIC	TURKMENISTAN	FABRICATION AND SHIPMENT TO TURKMENISTAN OF CARBON STEEL AND STAINLESS STEEL VESSEL	27 UNIT	2000
122	TEIJIN POLYPROPYLENE	PT. I-PEX ASIA PACIFIC	SINGAPORE	PREFABRICATION AND SHIPMENT TO SINGAPORE OF CARBON STEEL TANK	36 TON	2000
123	PT. AIR LIQUIDE INDONESIA	PT. AIR LIQUIDE INDONESIA	CIBITUNG - BEKASI	OXYGEN PALLET FABRICATION VOLUME : 16 BOTTLES	50 UNIT	2000
124	PT. DONG JIN INDONESIA	PT. DONG JIN INDONESIA	A N Y E R	NAUTA MIXER FABRICATION AND INSTALLATION WITH PIPING WORK MATERIAL : SUS - 304	36 TON	2000



LIST OF PROJECT EXPERIENCE EXPERIENCE (1991 - 2000)

NO.	END USER	CLIENT	PROJECT /	SCOPE OF SUPPLY	VOLUME	YEAR
125	PT. ASAHIMAS CHEMICAL	PT. ASAHIMAS CHEMICAL	A N Y E R	FABRICATION AND INSTALLATION OF DUCTING MATERIAL : SUS - 304	22 TON	2000