

SOME OF OUR EXPERIENCE LIST
PERIOD : 2017

NO.	EQUIPMENT	LOCATION	PROJECT OWNER	MATERIAL SPECIFICATION
PRESSURE VESSELS				
01.	Tube Bundle Assy c/w Shell 701-E-4	Dumai	PT. Pertamina RU II	Tube : SA213 T22, Fixed Tube Sheet : SA182 F22A, Shell Barrel : SA204 GR.B, Expansion Joint : SB168 N06601, SA204 Gr.B, SA36
02.	Heat Exchanger Assy 14-K1-E2 A	Cilacap	PT. Pertamina RU IV	Tube : SB338 GR.2, Tube Sheet : SB381 F2, Shell : SA106 Gr.B, Channel : SB265 Gr.2
03.	Heat Exchanger Assy 23-E-10 A	Cilacap	PT. Pertamina RU IV	Tube : SB338 GR.2, Shell SA106 Gr.B, Tubesheet : SB265 Gr.2, Channel SB265 Gr.2, Float Head Cover : SB265 Gr.2
04.	Tube Bundle Assy 13-E-10	Cilacap	PT. Pertamina RU IV	U-Tube : SB338 GR.2, Tube Sheet : SB381 F2
05.	Tube Bundle Assy 23-E-9 A	Cilacap	PT. Pertamina RU IV	Tube : SB338 Gr.2, Tube Sheet : SB265 Gr.2
06.	Heat Exchanger Assy 14-K1-E2 B	Cilacap	PT. Pertamina RU IV	Tube : SB338 GR.2, Tube Sheet : SB381 F2, Shell : SA106 Gr.B, Channel : SB265 Gr.2
07.	Heat Exchanger Assy 21-E-22 A	Cilacap	PT. Pertamina RU IV	Shell Cover Flange : SA285 Gr.C, Tube : SB338 Gr.2, Tube Sheet : SA266 Gr.2 Clad SB265 Gr.2, Channel : SB265 Gr.2, Channel Cover Flange : SA105 Clad SB265 Gr.2
08.	Tube Bundle Assy 22-E-2	Cilacap	PT. Pertamina RU IV	Tube : SB338 Gr.2 ,Tube Sheet : SA266 Gr.2 Clad SB265 Gr.2
09.	Heat Exchanger Assy 22-E-10	Cilacap	PT. Pertamina RU IV	Shell : SA106 Gr.B, Tube : SB338 Gr.2, Tube Sheet : SB265 Gr.2
10.	Tube Bundle Assy 23-E-7	Cilacap	PT. Pertamina RU IV	Tube : SB338 Gr.2, Tube Sheet : SB265 Gr.2, Flo Head Tube Sheet : SB265 Gr.2
11.	Tube Bundle Assy 23-E-9 B	Cilacap	PT. Pertamina RU IV	Tube : SB338 Gr.2, Tube Sheet : SB265 Gr.2
12.	Channel Assy 24-E-4	Cilacap	PT. Pertamina RU IV	Plate SB265 Gr.2, Cover SA105 Clad SB265 Gr.2
13.	Heat Exchanger Assy 24-K2-E1 A	Cilacap	PT. Pertamina RU IV	Shell : SA106 Gr.B, Tube : SB338 Gr.2, Tube Sheet : SB265 Gr.2, Channel : SB265 Gr.2, Channel Cover : SB265 Gr.2
14.	Heat Exchanger Assy 24-K2-E1 B	Cilacap	PT. Pertamina RU IV	Shell : SA106 Gr.B, Tube : SB338 Gr.2, Tube Sheet : SB265 Gr.2, Channel : SB265 Gr.2, Channel Cover : SB265 Gr.2
15.	Heat Exchanger Assy 52-E-1	Cilacap	PT. Pertamina RU IV	Tube : SB111 C71500, Shell : SA285 Gr.C, Tube Sheet : SB171 C63000, Channel : SB169 C61400, Channel Cover : SA516 Gr.70 Clad SB171 C46400, Flo. Head : SA105 Clad SB169 C61400
16.	Fin Fan Assy 11-E-50	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Header Box : SA285 Gr.C
17.	Fin Fan Assy 12-E-2 A/B	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Cover Plate : SA516 Gr.70
18.	Fin Fan Assy 12-E-2 C/D	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Cover Plate : SA516 Gr.70
19.	Fin Fan Assy 23-E-1	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Cover Plate : SA516 Gr.70
20.	Fin Fan Assy 23-E-4	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Header Box : SA516 Gr.70
21.	Fin Fan Assy 23-E-8	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Header Box : SA285 Gr.C, Pipe Header : SA106 Gr.B
22.	Fin Fan Assy 24-E-12	Cilacap	PT. Pertamina RU IV	Tube : SA179 Fins Al, Header Box : SA285 Gr.C
23.	Fin Fan Assy 24-E-16	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Header Box : SA285 Gr.C
24.	Fin Fan Assy 24-E-19	Cilacap	PT. Pertamina RU IV	Tube : SA179, Fins Al, Header Box : SA285 Gr.C
25.	Tube Bundle Assy 23-E-5 B	Cilacap	PT. Pertamina RU IV	Tube : SA179, Channel Tube Sheet : SA516 Gr. 70, Float Tube Sheet : SA516 Gr.70
26.	Air Cooler Tube Bundle CP 9680-AC, IC, AUX/EJW	Jabung	CV. Jaya Putra	Tube : SA179, Fins Al, Type KL, Plug Sheet : SA516 Gr.70N, Top/Bottom: SA516 Gr.70N, End Plate : SA516 Gr.70
27.	Tube Bundle c/w Shell 13-K-101 E2 B	Balongan	PT. Pertamina RU VI	Tube : SA179, Shell : SA106 Gr.B
28.	Tube Bundle Assy 301-PL-E 6 AB	Dumai	PT. Pertamina RU II	U Tube : ASTM B395 C71500 (70_30 CuNi), Stat Tube Sheet : ASTM A516 Gr.70 Clad B171 C71500
29.	Heat Exchanger Assy Tag. No. 2-E-01C	Sorong	PT. Pertamina RU VII	Tube : SA213 T11, Tube Sheet : SA387 11 CL2
30.	Tube Bundle Assy Converter C4 Polymer 2-1/2/3/7/8/9	Plaju	PT. Pertamina RU III	Tube : SA192, Shell : SA516 Gr.70, Tube Sheet : SA266 Gr.2
31.	Fin Fan Cooler Tag. No. 2-E-01 A	Sorong	PT. Pertamina RU VII	Tube : SA179, Fins Al,Type : Embedded, Header Box : SA516 Gr.70
32.	Channel Barrel 13-K-101-E2 B	Balongan	PT. Pertamina RU VI	Channel : SA516 Gr. 70
33.	Radiator 905-DEG	Dumai	PT. Pertamina RU II	Tube : SA179, Type KL, Fins Al, Tube Sheet : SA516 Gr.70, Side Frame : SA36
34.	U-Tube 12-E-1 B	Cilacap	PT. Pertamina RU IV	Tube : SA 179
35.	Channel Barrel 1-E-31 Channel Cover 1-E-31	Sorong	PT. Pertamina RU VII	Front Channel : A335 P11, Channel Cover : A387 Gr.11
36.	Retubing Tube Bundle 1-E-32 Redundant	Sorong	PT. Pertamina RU VII	Tube : SA213 T5

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37.	Tube Bundle Converter C4 Polymer A1, A2, A3 (c/w Shell) Tag. No. 2-4, 2-5, 2-6	Plaju	PT. Pertamina RU III	Shell : SA516 Gr.70, Tube : SA192, Tube Sheet : SA266 Gr.2
38.	Air - Cooled Heat Exchanger 701-E-12 AB	Dumai	PT. Pertamina RU II	Tube : SA179, G Type, Fins Al, Tube Sheet & Top/Bottom Plate : SA516 Gr.70, Stat. Tube Sheet & Plug Sheet : SA516 Gr.70

EXTENDED SURFACE TUBING

1	Finned Tubes L Type	Norway - Europe	Termaks AS	B241 6063 - Fins : Aluminium
2	Finned Tubes KL Type	Jawa	PT. Usaha Pangan Sejahtera	SS304 - Fins : AA1050
3	Ferrule	Dumai	PT. Pertamina RU II	SA213 TP 310
4	Finned Tubes L Type	Jakarta	PT. Global Metal Engineering	SA179 - Fins : AA1050
5	Studded Tubes	Plaju	PT. Pertamina RU III	SA335 Gr. P5 - Studs : SA510
6	Finned Tubes KL Type	Jakarta	PT. Global Sukses Radiator	SA179 - Fins : AA1050
7	Finned Tubes KL Type	Jakarta	PT. Grand Kartech	SA106 GR.B - Fins : Aluminium
8	Finned Tubes KL Type	Jakarta	PT. Indocool Solusi Cemerlang	SA179 - Fins : Aluminium
9	Finned Tubes KL Type	Depok	PT. Metrikal Sarana Nataho	SS304 - Fins : Aluminium

SEALING TECHNOLOGY PRODUCTS

1	Ring Joint Gaskets <INGI> 0188	Kaltim	Pertamina Hulu Mahakam	Soft Iron - Octagonal
2	Ring Joint Gaskets <INGI> 0188	Balongan	PT. Pertamina RU VI	Soft Iron - Octagonal, Carbon Steel - Oval
3	Ring Joint Gaskets <INGI> 0188	Sumsel	Pertamina EP Asset-3	Soft Iron - Oval
4	Ring Joint Gaskets <INGI> 0188, SWG <INGI> 1803 OIR	Jakarta	PT. Tonsco international	RTJ-Carbon Steel-Octagonal, SWG-SS316-GRA-SS316-SS316
5	Ring Joint Gaskets <INGI> 0188	Jakarta	PT. Alam Bersemi Sentosa	SS316 - Oval
6	SWG <INGI> 1804 OR	Dumai	PT. Pertamina RU II	SWG-SS316-GRA-OR-Carbon Steel
7	SWG <INGI> 1803 OIR	Bekasi	Air Liquide Indonesia	SWG-SS304-TEF-SS304-SS304
8	SWG <INGI> 1803 OIR	Sorong	PT. Pertamina RU VII	SWG-SS316-GRA-OIR- SS316
9	SWG <INGI> 1803 OIR	Jakarta	But.Husky - Cnooc Madura Limited	SWG-SS316-GRA-OIR- SS316
10	SWG <INGI> 1804 OR, Insulating Kit Gaskets	Jakarta	CNOOC SES Ltd.	SWG-SS304-GRA-OR-Carbon Steel, Phenolic
11	SWG <INGI> 1803 OIR	Balikpapan	Total E&P Indonesia	SWG-SS316-GRA-OIR-SS316
12	SWG <INGI> 1804 OR	Gresik	PT. PJB Unit Pembangkitan Gresik	SWG-SS304-ASB-OR-Carbon Steel
13	SWG <INGI> 1804 OR	Cilacap	PT. Pertamina RU IV	SWG-SS316-GRA-OR-Carbon Steel
14	SWG <INGI> 1808 Basic Type	Plaju	PT. Pertamina RU III	SWG-SS304
15	Double Jacketed Gaskets	Balikpapan	PT. Pertamina RU V	Jacket : Carbon Steel, Filler : Non Asbestos, Jacket : Titanium, Filler : Graphite
16	Double Jacketed Gaskets	Kaltim	PT. Pupuk Kalimantan Timur	Jacket : Titanium, Filler : Graphite, Jacket : SS304, Filler : Graphite
17	Double Jacketed Gaskets	Cilacap	PT. Pertamina RU IV	Jacket : SS410, Filler : Graphite
18	Double Jacketed Gaskets	Jakarta	PT. Surya Besindo Sakti	Jacket : Duplex S31903, Filler : Graphite
19	Double Jacketed Gaskets	Plaju	PT. Pertamina RU III	Jacket : Soft Iron, Filler : Compress Asbestos
20	Envelope Gasket <INGI> 0688, Super Seal Joint Sealant	Gresik	PT.TPC Indo Plastic & Chemicals	Envelope Gasket RF Teflon - Asbes, Super Seal Joint Sealant
21	Graphite Mold <INGI> NSS 525	Jakarta	PT. John Crane Indonesia	Graphite Mold <INGI> NSS 525
22	Flexiring Packing / Pall Ring	Jakarta	PT. Akbar Nusantara Perkasa	SS304
23	Tube Plug	Cilacap	PT. Pertamina RU IV	Titanium
24	Gland Packing	Kaltim	PT.Pupuk Kalimantan Timur	Teflon - CSS-511
25	Gland Packing	Gresik	PT. Petrokimia Gresik	Asbestos Tape - CSS - 513
26	Insulating Kit Gaskets	Jakarta	PT. Mitra Galperti	Neoprene Faced Reinforced Phenolic
27	Muffler Gaskets	Jakarta	PT.Utama Jaya Perkasa	1808 Kenalpot - Graphite - SS301
28	Asbestos Tape	Cilacap	PT. Pertamina RU IV	Asbestos Tape Dustless
29	Gasket Ring	Jakarta	PT. ReKayasa Industri Engineering & Construction	Neoprene Rubber

COMPRESSED FIBER JOINTING SHEETS

1	Compressed Fiber Jointing Sheets	Surabaya	PT. Dian Batara Perkasa	Kingi 921
2	Compressed Fiber Jointing Sheets	Bandung	PT. Trimega Griyawaluya	Kingi 200, Kingi Universal
3	Compressed Fiber Jointing Sheets	Surabaya	Hairul Abdi Simatupang	Kingi 221

SEAMLESS TUBES, Ferrous & Nonferrous (Pressure Vessel Cold-Drawn Tubes for Oil & Gas Applications ASTM / ASME Material Grade Standards)

1	Seamless Tubes	Balikpapan	PT. Kaltim Parna Industri	SA179 - Seamless Carbon Steel
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NO.	EQUIPMENT	LOCATION	PROJECT OWNER	MATERIAL SPECIFICATION
2	Seamless Tubes	Balikpapan	PT. Kaltim Parna Industri	SA179 - Seamless Carbon Steel
OTHERS				
1	Ducting Instalation Technical Support	Balikpapan	PT. Pertamina RU V	Cooperation with Gasco, Australia
2	Pilot Air Valve	Balikpapan	PT. Pertamina RU V	Bifold, Valve 1" NPT.SS.Pneumatic
3	Tube Protector/Tube Inserts, Plug, Wiremesh	Dumai	PT. Pertamina RU II	Teflon, Carbon Steel, Monel 400