

# LNG References List

## Fine-Fin® for Heat Exchanger Tubing

INSTALL NOTES	OWNER / OPERATOR	LOCATION	ENGINEERING DESIGN FIRM	SERVICE	HPT P/N (OD x Wall Under Fin (WUF)) Material
1991, 94, 97, 99	Pertamina/ P.T. Badak	Bontang E. Kalimantan, Indonesia	Chiyoda (Japan) Trains E, F	Trim Coolers Propane Desuperheaters	365028 (3/4" OD x .028" WUF) Titanium
			Jacobs (USA) Trains A, B, C, D (Replacing failed Cu-Ni)	MCR Compressor Aftercoolers MCR Compressor Intercoolers	
			Chiyoda Trains C & D (Replacing failed Cu-Ni)	Amine Trim Coolers	
			Train G	MCR Compressor Intercoolers Amine Trim Cooler Amine Regenerator Condenser	
			Train E (Replacing failed Cu-Ni)	MCR Compressor Intercoolers & Aftercoolers	
2002	Pertamina/ P.T. Badak	Bontang E. Kalimantan, Indonesia	Train H KBR / IKPT	Amine Regenerator Reboiler	284042 (5/8" OD x .042" WUF) Stainless type 304
1989	Mobil Oil P.T. Arun	Indonesia	JGC (Japan)	Compressor Aftercoolers Compressor Intercoolers	365028 (3/4" OD x .028" WUF) Titanium
1995, 97	Qatargas LNG	Qatar	Chiyoda (Japan) Trains 1 & 2	Propane Condenser MR Compressor Intercoolers MR Compressor Aftercoolers	365028 (3/4" OD x .028" WUF) Titanium
			Chiyoda (Japan) Train 3	Propane Condensers MR Compressor Inter and After Coolers	
1999	Shell (SIOP) Oman LNG	Oman	Chiyoda (Japan) Foster Wheeler	Propane Desuperheater Compressor intercoolers	307049 (1" OD x .049" WUF) Titanium
1994	China Petroleum Corporation	Taiwan	PFR (USA)	LNG Vaporizer	435023 (3/4" OD x .023" WUF) Titanium
2000	Petronas MLNG TIGA	Bintulu, Malaysia	KBR/JGC	Propane Evaporator/ MR condenser	285065 Stainless type 304
1997	Petronas LPG PLANT	Bintulu, Malaysia	Foster Wheeler Ltd. (UK) JGC (Japan)	Propane Cooler Butane Cooler Trim Cooler	365028 (3/4" OD x .028" WUF) Titanium
2007	Statoil Snovit LNG	Hammerfest, Norway	Linde (Germany)	C2/C3 Condenser Compressor intercoolers Compressor aftercoolers	365028 (3/4" OD x .028" WUF) Titanium
2009	YEMEN LNG Total	Yemen	Technip (France)	Propane Condenser MP MR Compressor Cooler HP MR Compressor Cooler	365028 (3/4" OD x .028" WUF) Titanium

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