
Gas Turbine Exhaust Waste Heat Recovery Units by Foster Wheeler

Foster Wheeler has designed and built an impressive number of Heat Recovery Steam Generators (HRSG) downstream virtually any type and kind of Gas Turbine.

In addition to this, Foster Wheeler has a significant experience in designing and supplying Heat Recovery Units utilised in the heating of different process streams such as Crude Oil, Distillate, Residue, Hot-Oil, Amine, Regeneration Gas, Hot Water and others.

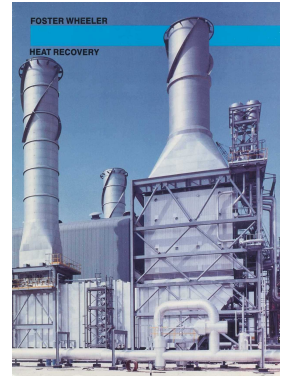
Foster Wheeler wealth of expertise in designing and supplying heat transfer equipment for the process unit is valuable in the proper design of the Heat Recovery Units having a process stream requirement, with or without steam generation service.

Configuration of such units is either by horizontally or vertically disposed process and steam generation tubes, designed to suit various requirements.

The ability to offer engineering solutions and the capacity to understand different issues relevant to various components such as soot-blowers, auxiliary firing with oil and gas firing, fresh air firing, by-pass stack, tight-shut off dampers, noise reduction devices, for the most different kind of Heat Recovery Units, is an experience peculiar to Foster Wheeler for the confidence of its Clients.



Partial List of Gas Turbine Exhaust Waste Heat Recovery Units by Foster Wheeler



A partial list of Gas Turbine Heat Recovery Units, additional to the over 300 forced and natural circulation Heat Recovery Steam Generation's installations, designed and built by Foster Wheeler is given herewith attached.

Partial List of Gas Turbine Exhaust Waste Heat Recovery Units by Foster Wheeler

Date	Company and Location	No. Off	Gas Source	Fuel Firing	Supp. Firing	Process Fluid	Flowrate Kg/h	Notes
2008	PTT (Thailand)	2	RR RB 211	N.G.	Yes	Hot-Oil	904165	SCR
2007	Woodside (Australia)	1	Frame 7	R.G.	No	Regeneration Gas, Water	50184 878760	
2005	Saudi Aramco (Saudi Arabia)	4	Frame 7	N.G.	No	MP Water LP Water	471740 2222600	
2005	Woodside (Australia)	1	Frame 7	R.G.	No	Regeneration Gas, Water	49896 966600	
2002	Shell Goldeneye (UK)	2	Frame 5	R.G.	No	Hot-Oil	149876	
2001	Woodside (Australia)	1	Frame 7	R.G.	No	Regeneration Gas, Water	49896 966600	
1999	Saudi Aramco (Saudi Arabia)	4	Frame 5D	N.G.	Yes	Hot-Oil	1500000	Basic Design
1998	Sasref (Saudi Arabia)	1	Frame 6	N.G.	Yes	Distillate, Residue	162000 218750	+ 58 t/h steam
1997	PDO (Oman)	2	Frame 6A	N.G.	Yes	Hot-Oil	1548720	+ 181 t/h steam
1995	British Gas (Tunisia)	2	LM 2500	N.G.	Yes	Amine Vaporizing	411265	
1994	Shell Oil (Canada)	1	Combustor (No GT)	CO Gas	Yes	FCCU Feed	N.A.	+ 122 t/h steam
1993	BP Oil (Spain)	1	Ruston	R.G.	No	Water	15000	
1993	Shell Oil (USA)	1	Combustor (No GT)	CO Gas	Yes	FCCU Feed	N.A.	+ 12 t/h steam
1990	Woodside (Australia)	1	Frame 5	N.G.	No	Water	629600	
1987	Woodside (Australia)	2	Frame 5	N.G.	No	Water	629600	
1987	Saica (Spain)	1	Frame 6	N.G.	Yes	Water	100000	+ 10 t/h steam
1979	Westinghouse (Saudi Arabia)	1	W-251	Med. F.O.	No	Water	312200	
1974	BP (UK)	1	Frame 3	N.G.	Yes	Crude Oil	738000	