

# PROCESS FLOW DIAGRAM

Project No.	14640	Item No.	72 E 102 / 202 / 302 and 72 D 101 / 201 / 301
Project	UHV Plant Project	Service	Waste Heat Boiler and WHB Steam Drum

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OPERATION DATA		
Steam Flowrate	7,875	kg/h
Sat. Steam Press.	48	bar.g
Feedwater Temp.	154	°C
Blowdown Rate	3.11	% Steam Flowrate

WASTE GAS		
Load	Design Case	
Flowrate, Inlet	12,074	kg/h
Temp., Inlet	1,246	°C
Press., Inlet	0.52	bar.g

**Legend**

P	T	Water/Steam	Gas/Air
P	Press.	bar.g	→
T	Temp.	°C	→
Q	Flow	kg/h	→
h	Enthalpy	kcal/kg	→

  

NPS	NPS	Nominal Pipe Size	inch
Vel.	Vel.	Fluid Velocity	m/sec

