

Engineering Data Waste Heat Boiler

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Design Data Waste Heat Boiler

Technical Data

General

General	
Place of Installation	Bhubaneswar, Orissa, India
Standards	Indian Boiler Regulation (IBR) Indian Standards Client's Standards

Waste Heat Boiler

Process Data			
Gas Side			
Gas Flow at Boiler Inlet	m ³ /h (NTP)	100.000	
Gas analysis at boiler inlet			
H ₂ O	vol%	18,1	
CO ₂	vol%	21,9	
N ₂	vol%	59,8	
O ₂	vol%	0,2	
SO ₂	vol%	0.06	
Dust load at boiler inlet	g/Nm ³	25	
Dust analysis			
C-fix	%	1,8	
Ash	%	51,8	
Fe ₂ O ₃	%	46,8	
Note: In order to avoid problems with fouling of tube surfaces it must be assured that no heavy metal components (such as Pb, Zn) are contained in the dust.			

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