



SDV Engineering Associates (P) Ltd.

• Engineers • Designers • Consultants • Fabricators • Equipment Manufacturers

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CHARTERED ENGINEER'S CERTIFICATE

1. Details of machinery

- i) Description and technical specification
Back Pressure Turbo Alternator set (As per Technical Data sheet)

Live Steam Pressure	37/42 ata	Back Pressure	4.0 ata
Live Steam Temperature	385/400 deg C	Speed	9000 rpm
Power out put	2600 / 3340 KW	Shutdown Speed	9900 rpm
Rotation	CW		
Extraction Pressure		Extraction Flow	
Bleed			


- ii) Make : BBC, Mannheim Germany
iii) Machine Sr. No. : M 7529
iv) Type : DGSSH f 18
v) Year of manufacturing : 1964

2. Comments of Chartered Engineer

Your request on the performance of this Turbo set at Live steam pressure and temperature 32 ata – 365°C and 4.8 ata back pressure.

Herewith I declare that when this Turbo set is properly installed as mentioned in the Manuals and maintained following the instructions its Normal / Economical power output will be 2200 KW at the above live steam and back pressure conditions.

In my opinion the above information is correct and has been assessed on the basis of information received from the manufacture uses and similar units.


DHARAM SINGH 13/10/08
Ch. Engineer
E/1046668/5