

**CERTIFICATE  
FOR  
TYPE APPROVAL OF GENSET**

Cert	Report	Specs and Drawing	Total
1	3	13	17

Certificate No: ARAI/DGTA/PGTPL/PGTPL/320/TP/F20/2010/2938

DATE: 13.09.2010

Based on the verification of the documents and tests conducted on the genset model PGTPL/320/TP/F20 manufactured and submitted by M/s. Perfect Generator Technologies (P) Ltd., it is certified that the following generator set models comply with the provisions of Govt. of India notification no. G.S.R. 371(E), dated 17<sup>th</sup> May, 2002 and its amendments till date, at serial no. 94 (paragraph 1 & 3) schedule I of the Environment (Protection) Rules, 1986 (Noise limit for diesel generator sets (upto 1000 kVA)).

Name of the Manufacturer	M/s. Perfect Generator Technologies (P) Ltd. (PGTPL)	
Contact Address	X/536, Main Road, Raghubar Pura No. 1, Gandhi Nagar, Delhi 110 031	
Factory Location	11 <sup>th</sup> Milestone, Near HLM College, Delhi Meerut Road, Sainthli, Ghaziabad - 201009, U.P.	
Generator set Model	PGTPL/320/TP/F20	
kVA Rating (3 Phase / 1 Phase)	320	
Engine Make & Model	M/s. Shanghai Diesel Engine Co. Ltd., China & 64205GG	
Engine Rating, kW	280	
Cooling Mechanism	Liquid Cooled	
No. of Cylinders	6	
Rated speed, rpm		
Method of Aspiration		
Acoustic Enclosure Details	Outer Dimensions, mm	30 (H)
	Wall Thickness, mm	75
	Insulation Material Type	Rockwool
	Insulation Thickness, mm	75
	Density of Insulation, kg/m <sup>3</sup>	96
Silencer Details	External Diameter, mm	560
	Length, mm	1570
	Max Back Pressure, kPa	6
Noise Level, dB(A)	73.5 (Specified limit is 75 dB(A) at 1 m)	

**NOT TO BE USED**

This Certificate is valid upto 31<sup>st</sup> December 2010. After this date the validity of this Certificate shall be extended by the Certificate of Conformity of Production verification.



N. V. KARANTH  
DEPUTY DIRECTOR  
NVH LABORATORY, ARAI, PUNE



Authorized Signatory,



SHRIKANT R. MARATHE  
DIRECTOR  
ARAI, PUNE.

Report No. ARAI/DGTA/NVH/2370-PGTPL/320/TP/F20/2010/527 Dtd. 13.09.2010

ARAI issues Type Approval Certificates for gensets / components / parts / assemblies etc. based on the documents produced / submitted by the customer and on these basis, the gensets are examined and if approved, the certificate is issued. ARAI is in no way responsible for any misuse of copying of any design / type / system in connection with entire genset / components / parts and assemblies. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the customer and ARAI shall not be liable for any claims or damages, made by the party, whatsoever, the customer shall alone be liable for the same, and undertakes to indemnify ARAI in this regard. Further, the ARAI has the right to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate / Report.

Place of Issue : Pune



Regd. Office : S. No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune 411 038 (India) : Postal Address : P. B. No. 832, Pune 411 004 (India)  
Tel. : +91-20-3023 1111, Fax : +91-20-2543 4190, Email : director@araiindia.com  
Website : www.araiindia.com

Created with