

EXHAUST PIPING SYSTEM

WE, SASHTHA POWER HAVE MORE THAN 25 YEARS OF TECHNICAL EXPERTISE IN PROVIDING EXHAUST PIPING SYSTEM FOR DIESEL GENERATORS.

THE FUNDAMENTAL PURPOSE OF PROVIDING EXHAUST PIPE IS TO VENT THE HOT FLUE GASES FROM THE ENGINE INTO THE ATMOSPHERE HARMLESSLY AND TO MAKE SAFE & CLEAN ENVIRONMENT.

WHILE TAKING EXHAUST GAS AWAY FROM GENSET ABOVE STACK HEIGHT, SELECTING SIZE OF EXHAUST PIPE PLAYS A CRITICAL ROLE.

THE STATUTORY NORMS TO EXTEND THE EXHAUST PIPE ABOVE THE STACK IS GIVEN BELOW FOR REFERENCE :

$$H = h + 0.2 \times KVA$$

H – MINIMUM HEIGHT OF EXHAUST STACK

h – HEIGHT OF THE BUILDING

KVA – CAPACITY OF THE DIESEL GENSET

TO ENSURE SMOOTH FLOW OF EXHAUST GASES, WE SHOULD SELECT LONG SMOOTH BEND.

EXHAUST OUTLET SHOULD BE IN THE DIRECTION OF PREVAILING WIND.

ENSURE NO SELF WEIGHT IS TRANSFERRED ON TO THE GENSET.



POWER THE FUTURE

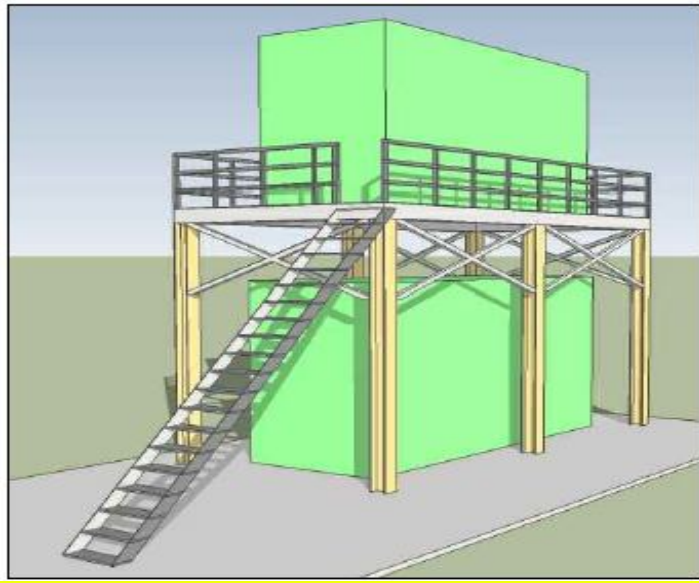
SASHTHA POWER SERVICES

9282110125 / 9150350019 / +91-44-22254669

12 A/1, VISALAKSHI NAGAR SECOND STREET, EKKATTUTHANGAL, CHENNAI-32

powersps@hotmail.com | sashtha.power@gmail.com | www.sashthapower.com

STRUCTURAL PLATFORM FOR DG SET



We, SASHTHA POWER, have more than 25 Years of more than 25 Years of Technical Expertise in providing STRUCTURAL PLATFORM FOR DIESEL GENERATORS.

In an Ideal situation, the Genset should be positioned on a Concrete Bed on the ground as per the manufacturer's recommendation. However, if there is any challenge in the site to position the DG on the concrete Bed, the DG can be positioned on a Structural Platform.

The following are to be considered while designing a Structural Platform :

- ❖ The Structure should be capable of withstanding the weight of the Generator including their accessories like Fuel Tank, Batteries, Radiators, Mounting Pads etc.
- ❖ The Genset should be positioned in relevance to the applicable codes viz., Fire Codes, Safety Norms etc.
- ❖ Ensure that the Genset is properly protected against entry of water.
- ❖ Ensure easy access to Operate, Service and Maintain the DG Set.
- ❖ Ensure proper ventilation is available.
- ❖ Ensure DG is not located near any combustible material.



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