



## SOUND PROOF CABINS

Custom designed SOUND PROOF CABINS based on application and site conditions

Acoustics India Private Limited is an ISO 9001 certified full service solution driven engineering company with a manufacturing capability of noise control equipment since 1988. With a vast experience and a clientele across disciplines, our range of products encompasses Steam Vent Silencers, Acoustic enclosures and other noise control products.



## Description

Custom designed SOUND PROOF CABINS based on application and site conditions. Our cabins are made at our location and come with various custom options of ventilation, lighting, mobility, furnishing and sizes. The construction may vary based on customer requirements and will have options of various components stated below.

## Panel

Generally of composite sheet steel panel design comprising a fabricated and welded outer shell shaped and stiffened to form an outer skin for the cabin walls, floor and roof. The composite panel is of multi layer construction having inner perforated sheet with acoustic insulating material which is covered by a glass cloth and has an outer cover.

## Sound Proof Door

The sound proof cabin will be provided with sound proof doors. These doors will be hung on a pair of hinges incorporating thrust support to the bottom of the door leaf and a self closing device within the top hinge unit and proper handles will be provided both inside and outside of the door leaf.

## Finish

The exposed surfaces will be cleaned and properly painted. Suitable paint would be used in case of outdoor installations. Pre-galvanized sheet steel components generally will be de-greased.

## Double Glazed Glass Window

Double glazed glass window of required size, comprising of two separate laminated safety glass panes. The glass windows are housed on the walls and sealed in flexible gaskets on either side.

## Ventilation

Proper ventilation will be provided inside the cabin by providing a suitable ventilation pack. However, it is advisable to opt for Air conditioning in these kinds of cabins.

## Performance

Sound proof cabins are designed for a reduction 15-25 dB. Higher attenuation will be offered based on customer requirement.

## Key features

The cabins will be fully fabricated and assembled at our works and will be loaded to the container in ready to use condition. The cabins will be provided with lifting hooks suitable for moving from one place to another. Proper lighting would be provided inside the cabin. In case of control room cabins, it will be fully furnished with required accessories as per the customer's requirement for controlling the process/machine.



## Clientele

TISCO, IISCO, Visag Steel, Bokaro Steel, Bhilai Steel, Jindal Steel, Durgapur Steel, BHEL, NTPC, MSEB, KSEB, TNEB, Korea Heavy Ind. EIL, Andrew Yule & Co, BOC, L&T, Technimont ICB, Demag Kirloskar, Reliance Industries, BHPV, Linde, KTI, MECON, Indian Railways FEDO, HFCL, CFCL, SPIC, RCF, MFL, EID Parry, GNFC, Indo-Gulf, IFFCO, MRPL, GACL, GSFC, GFCL, TATA Chemicals, TPL, RANBAXY GAIL, KRL, HPCL, BPCL, BRPL, CPCL, IPCL, ONGC, Reliance, NRL, IOCL, ESSAR, Adyard Abu Dhabi, PetroFac International

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