



ENVIROTECH SYSTEMS PVT. LTD.

(An ISO 9001:2008 Company)

B-1A/19, First Floor, Commercial Complex, Sector-51, Noida (U.P.) – 201307, India

Ph.-0120-4337633, 4224644, 4224633 / Mob – 98103-19823 / Fax-0120-4337439

Email: info@esplonline.com, sales@esplonline.com

www.acousticalworld.com



ISO 9001:2008 CERTIFIED
ORGANISATION

CLIENT: - M/S Procter & Gamble Home Product Limited

PROJECT: - Design, Manufacture, Supply, Installation & commissioning
Of Acoustic Enclosures (03 nos.)

Envirotech Systems Pvt. Ltd. has received an order of design, manufacture, supply, installation & commissioning of **03 nos. Acoustic Enclosures for 1.5 MW radiator cooled D.G. Sets** from Procter & Gamble Home Products Limited, for Baddi (Himachal Pradesh) Plant.

DESCRIPTION: - 03 No. Acoustic Enclosures for 1.5 MW radiator cooled D.G. Sets at F&HC Building, Baddi (Himachal Pradesh) Plant.

CONSTRUCTION: - The Acoustic Enclosure is modular, Cap on type (without base) & Noise shielding construction; the panel construction can be dismantled and re-erected.

DESIGN: - Acoustic Enclosure designed to fulfill site requirement i.e. easy open able from any side for maintenance purpose, proper air circulation in covered area, Vision panel & lighting inside the enclosure

SIZE: - 10000 x 4000 x 4000 mm (L x W x H)

FEATURES: - Acoustic Enclosure was provided with

- Hinge type door of required size, doors are fitted with Gasket to block noise leakage from gap.
- Spring loaded lock, open able from both sides
- Rain water protection hood to corner for fresh air inlet acoustic louvers
- Electrical wiring, switch board & light to maintain 300 LUX inside the enclosure
- All Hardwares were Zinc passivated to avoid rusting & door hinges are SS
- Provided cutouts in acoustic panel for pipe / cable entry or any other requirement
- Two coat primer & automotive paint in desired shade
- Acoustically treated louvers on roof of Acoustic Enclosure for air inlet & exhaust.

PERFORMANCE: - After Providing the Acoustic Enclosure, Insertion loss was measured 28 dB (A) at one meter from Enclosure surface, As per Environment Protection Rules