



ENVIROTECH SYSTEMS PVT. LTD.

(An ISO 9001:2008 Company)

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ISO 9001:2008 CERTIFIED ORGANISATION

CLIENT: - M/S Associated Engineers & Industrials Limited

PROJECT: - Design, Manufacture, Supply, Installation & commissioning of Machine Acoustic Enclosure (06 Nos)

Envirotech Systems Pvt. Ltd. has received order of design, manufacture, supply, installation & commissioning of 06 nos. of **Acoustic Enclosures** from market's leading manufacturer of wire bending machine, **Associated Engineers & Industrials Limited**, for its production facility of **Rigid Stranding Machines (128 Bobbins Rigid Stranding Machine for 500 kV cables)** suitable for the production of superior quality stranded conductor for low, medium and extra high voltage (EHV) power cables.

As per client's requirement, we have designed and manufactured customized acoustic enclosure, inbuilt with vertical sliding door on front side with view panels, perfectly guided (by grooved pulley) for smooth friction less operation, operated by pneumatic cylinders with open and closed end limit switches and control. Bolted up panels for easy maintenance access, hinged doors with neoprene gaskets on sides & rear, soundproof glass window (vision panel) of 8 mm thick toughened glass, wire mesh (3 mm) on the roof, panel external sheet 2.0 mm CRCA sheet, inner side 1.0 mm perforated sheet, 100 mm cavity having filling soundproof material.

Size of Acoustic Enclosures

Size: (L x w x H mm)	Qty.
3400 x 2700 x 2500	01 No.
4090 x 2700 x 2500	01 No.
5470 x 2700 x 2500	01 No.
6160 x 2700 x 2500	01 No.
7540 x 2700 x 2500	01 No.
1800 x 1050 x 1650	01 No.

Achievement: - we have reduced 28.2 dB(A) noise level from 103 dB(A) to 74.8 dB(A).