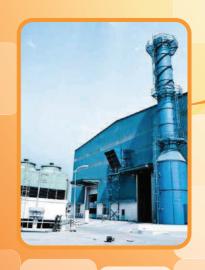
Acoustics India Private Limited

Company Profile

















INTRODUCTION

We, Acoustics India is a Design, Engineering and Manufacturing company specializing in the field of Multi Disciplinary Turnkey Engineering Projects, Process Equipments, Skid Packages, Heavy Fabrication & Machined Components, Industrial Noise Control Products, etc. We have an Industrial presence of more than 30 years and our products are supplied to various sectors which includes Steel, Power, Oil & Gas, Refineries, Fertilisers and Chemicals, Engineering, Defence & Nuclear etc. We also have good presence in the Global Market supplying Equipments to Multi-National Companies.

We are the FIRST COMPANY in India to have Integrated Certification for 5 Standards namely:

- ISO 9001:2015 (QMS Quality Management System)
- ISO 14001:2015 (EMS Environmental Management System)
- ISO 45001:2018 (OHSMS Occupational Health & Safety Management System)
- ISO 27001:2013 (ISMS Information Security Management System)
- ISO 50001:2018 (EnMS Energy Management System)

LOCATION

Head Office : 377, Rajaram Salai, K.K.Nagar,

Tiruchirapalli – 620021,

TamilNadu, India.

Works : 9/1, Kumaramangalam Industrial Estate,

Pakkudi Road, Mathur, Pudukkottai District - 622515,

TamilNadu, India.

CONTACT DETAILS

INDUSTRIAL ACOUSTICS		E-HOUSE	
Mrs. M. Pavithra		Mr. S. Santhosh Velmurugan	
Deputy General Manager - Technical		Senior Manager - Projects	
marketing@acousticsind.com		projects@acousticsind.com	
Direct : 0431 4044913		Mobile : +91- 93667 99909	
		Dir	ect : 0431 4044920
PROCESS EQUIPMENTS /			
HEAVY FABRICATION /	DESALINATION PROJECTS		SKID PACKAGES
VALVE COMPONENTS			
Mr. A.Jaikumar	Mr.G.Satheesh Kumar		Mr.M.Aravind Raj
Senior Manager - Projects	Manager - Projects		Manager - Projects
projects@acousticsind.com	projects@acousticsind.com		projects@acousticsind.com
Mobile : +91- 93449 03007	Mobile : +91- 93677 95577		Mobile: +91- 90258 49823
Direct : 0431 4044914	Direct : 0431 4044919		Direct : 0431 4044914



ABOUT THE COMPANY

- Founded in the year 1988.
- ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2013, ISO 50001:2018 company.
- 460 Employees including 90 Engineers.
- Unit I: Manufacturing facility with 70,000 Sq. ft closed area & 3,50,000 Sq. ft open area
- Unit II: Manufacturing facility with 60,000 Sq. ft closed area & 2,50,000 Sq. ft open area
- Fabrication of Carbon steel, Stainless steel and Alloy steel.
- Familiar with ASME section VIII Div 1 and we have In house Quality Control Department.
- Good documented Quality system maintenance
- ASME 'U' Stamp and National Board 'R' & 'NB' Stamp Certified Company
- IBR, PESO Certified Organization.
- ZED 'GOLD' Rated company by Quality Council of India for Zero Effect and Zero Defect
- 'WASH' certified company by Quality Council of India for Work place Assessment for Safety and Hygiene
- Winner of CII SR EHS Excellence Award 2020 with 4 STAR Rating
- Over 8000 installations in India & Abroad

PRODUCT RANGE

■ TURNKEY ENGINEERING PROJECTS

■ SKID MOUNTED PACKAGES

- ▲ WTP / STP Skids
- ▲ Lube Oil Skids
- ▲ Cooling water skids

■ PROCESS EQUIPMENTS

- ♣ Pressure Vessels ♣ Separators

■ INDUSTRIAL NOISE CONTROL PRODUCTS

- ★ Acoustic enclosures
 ★ Sound Proof Cabins

■ DESIGN & ENGINEERING SERVICES

- ▲ Mechanical Design as per ASME, PED
- ▲ Structural Design & Analysis
- ▲ FEA. CFD

■ HEAVY FABRICATION AND MACHINING

- ▲ Fabricated Valve Body & Components
- ▲ Fabricated MILL Body
- ▲ Fired Heater/WHRU Components

■ E-HOUSES, PREFABRICATED SUBSTATION

- **DESALINATION PLANTS**
- DEFENCE, NUCLEAR & AEROSPACE PROJECTS



MULTIDISCIPLINARY TURNKEY ENGINEERING PROJECTS

- 5MW motor Driven Compressor Test Bed Project, Siemens Ltd
- Argon Recirculation and Purification System for IGCAR,
 Kalpakkam Nuclear Research Facility
- Light Combat Aircraft Aero Engine Test Facility, Aeronautical Development Agency (ADA)
- 4x2600HP Diesel Locomotive Engine Test Bed for DLW, Varanasi
- Early Production Facility for ONGC, Cauvery River Head Basin
- Super Sonic Wind Tunnel Exhaust System, DRDL Hyderabad
- 2 x 250 m³/day Multi-Effect Desalination System for IREL OSCOM
- Silencer Baffle, Muffler, Pressure Regulating Valve (PRV),
 Variable Diffuser and Fixed Diffuser for ISRO Trisonic Wind
 Tunnel Project.



Super Sonic Wind Tunnel Exhaust System, DRDL Hyderabad





5MW Motor Driven Compressor Test Bed Project, Siemens Limited





Argon Recirculation and Purification System for IGCAR, Kalpakkam



SKID MOUNTED PACKAGES

- Cooling Water Skids
- Lube Oil Skids
- Fuel Oil Skids
- Impeller Water Wash Skids
- EPT Separation Skids for Oil & Gas Exploration
- Water Treatment Skids such as RO/UF/STP Skids
- Containerized Skids



Portable Lube Oil System (SIEMENS)



RO Skid (SUEZ)



RWTP, WWTP, UF - RO Skid (GE WATER)



Containerized Skid (SUEZ)

Mempac Skid Packages (GE WATER)



Three Phase Separator Skid – (CCED, Oman)



PRESSURE VESSELS/STORAGE TANKS/PROCESS EQUIPMENTS

- Process Equipments such as Argon Columns, Dryer Vessels etc
- Oil Field equipments such as 2 / 3-Phase Separators, High Pressure Fuel Gas Heaters, KOD etc
- Oil and Diesel storage tanks with PESO approval Upto 100KL
- 3000KL Large Diameter Modular Frac Tanks for Storing Fracking Liquid in Shale Gas Exploration Projects.
- Field erected Storage tanks, H2SO4 Storage tanks
- Double Walled Cryogenic Tanks for Liquid Oxygen & Liquid Nitrogen storage Capacity Handled upto 75KL
- ASME 'U' Stamp Coded Vessels such as Air Receivers, High Pressure Filters etc, Pressure Vessels with PED marking, Marine Society Approval such as ABS etc
- Shell Tube Heat Exchangers such as Lube Oil Coolers, Process Gas Coolers etc.
- Repair Works for Large Diameter Naphtha Tanks



77M3 - AIR RECEIVER VESSEL - LNG PETRONET



Three Phase Seperator Vessel - ASME "U" Stamp (CCC – SAL OMAN PROJECT)



Cryogenic Vessel - 70KL (BOC)



De-Aerator and Storage Tank (IOCL-Haldia Refinery Project)





TEA Storage Drum – Heurtey Petrochem (Project – TEA Injection Package)

Ammonium Polysulfide Tank – Accudyne (Project - IOCL - Aishwarya Project, Haldia)



H2SO4 Storage Tank – GE Water & Process (Project - Sulaibiya Wastewater Treatment)

Combustion Chamber – JohnZink Hamworthy (Project – Meghna Ghat, Bangladesh)





Flash Chamber - NIOT, Lakshadweep

Condensor - NIOT, Lakshadweep

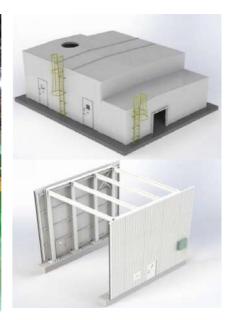


INDUSTRIAL NOISE CONTROL PRODUCTS

- Silencers for Steam, Air and Process Gas Vent lines
- Suction and Discharge Silencers for Compressors / Fan / Blowers
- Acoustic Enclosure for any Noisy machines such as Compressors, Gas / Steam Turbines, Blowers etc.
- Diesel Generator Silencers / Noise Enclosures.
- Intake & Exhaust System for Gas Turbines, Compressors, Blowers, Engines etc







GAS TURBINE / STEAM TURBINE NOISE CONTROL PRODUCTS



Gas Turbine Exhaust System (MAN Diesel & Turbo, Germany)



Gas Turbine Exhaust System (Indorama, Nigeria)



Gas Turbine Exhaust Silencer (BHEL)



E-HOUSES / PRE-FABRICATED SUB STATIONS



E-House (Schneider Electric – API, Algerai)



E-House (L&T EBG - ASRS HMEL / EIL)



E-House (Schneider Electric - JSW)



E-House (Schneider Electric - TPCL)



E-House for 550T Crane Application (ABB)



E-House (ABB - Cairn)



SS 304 Bare Analyser Shelter (ABB)



Power Store Container (ABB, Australia)



HEAVY FABRICATION AND MACHINING:





Orifice Plate Tapco Enpro LLC, Houston



Fabricated MILL body (Arnot, Obra) - Loesche Energy Systems



DBB Gate Valve Franklin LLC

Regenerated Catalyst Slide Valve TATNEFT - Tapco Enpro LLC



Stack, Zeeco - Single Piece : 20m (L) x 6.5m (W) x 5.5m (H) - 95000 kgs



DESALINATION PLANTS





MED – TVC Desalination Plant BARC, Mumbai

3x165 KLD LTTD Plant NIOT, Lakshadweep Islands

DEFENCE, NUCLEAR & AEROSPACE PROJECTS

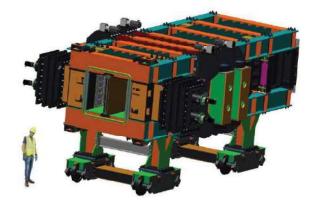




Light Combat Aircraft Aero Engine Test Bed Facility - Aeronautical Development Agency, Bangalore



Argon Recirculation Purification System IGCAR, Kalpakkam



Fixed Diffuser ISRO-VSSC Trisonic Wind Tunnel project



FACILITIES

ENGINEERING CAPABILITIES &

SERVICES

- Process Design
- Datasheet preparation, RFQ preparation
- Mechanical Design

Pressure Vessels (ASME Sec VIII Div I)

Storage Tanks (API 650, IS 803)

Heat Exchanger (ASME Sec VIII Div TEMA)

PED-CE Marking

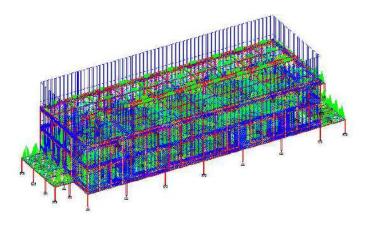
- Detail Engineering
- Structural Design & Analysis
- Thermal Design
- Heat Transfer Design
- IS 800, Euro Code
- Thermal & Static Design of Gas Turbine Exhaust System
- Finite Element Analysis & Calculations
- Noise Mapping

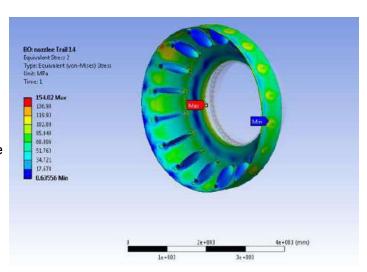
SOFTWARES USED

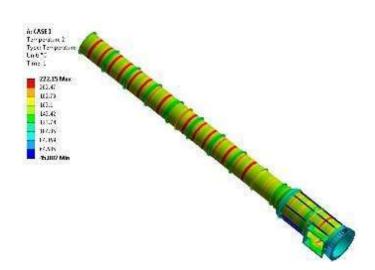
- PV Elite
- Staad Pro
- AUTO CAD and AUTODESK Inventor
- ANSYS
- HTRI

DESIGN CODES FOLLOWED

- ASME
- API
- IBR
- Indian Standard (IS Codes)
- ASCE
- ASME STS-1, PED, ABS etc
- EUROCODE









UNIT - I MANUFACTURING FACILITY

■ Total Area : 3,50,000 Sq. Ft■ Covered Area : 70,000 Sq. Ft









UNIT – II MANUFACTURING FACILITY

■ Total Area : 2,50,000 Sq. Ft ■ Covered Area : 60,000 Sq. Ft







TESTING

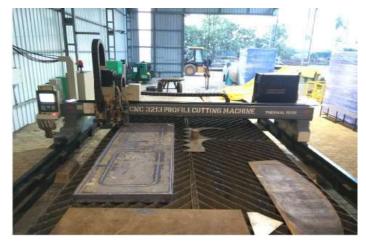
- In-house facility for RT, UT, MT, PT
- Well Versed in ASME Sec VIII Div.1 & ASME Sec V
- Appointed ASNT Level –III
- ASNT Level –II: 8 Engineers
- In-house Radiography
- Radiography Film Processing and Evaluation

LIST OF INHOUSE MACHINING FACILITY

- CNC Horizontal Boring Machine
- Horizontal Boring Machine (DRO)
- CNC Universal Milling Machine
- CNC Vertical Milling Machine
- CNC Oxyacetylene / Plasma Cutting Machine
- Lathe (Manual)
- Radial Drilling Machine (Manual)











LIST OF HIGH CAPACITY MACHINERY (EXTENDED FACILITY)

- Hydraulic Plate Bending Machine upto 150mm
- Automatic Manipulator for Dish Forming & Flanging Machine 10 ton Capacity
- Bogie Type Diesel Fired Furnace
- Floor type Horizontal Boring machine 6 Axis CNC with D, Andrea head 100 ton Capacity
- Pallet loading Horizontal Machining Centre with Automatic Tool Changer
- CNC Heavy vertical turning centre 70 ton Capacity
- Horizontal Drilling Machine
- Laser Cutting Machine
- CNC- Oxyacetylene / Plasma cutting facility
- Portable CMM 7 axis co ordinate measuring system

These machinery are installed at TREAT and considered as an extended facility of Acoustics India Private Limited











WELDING

- In-house Welding Engineering Department
- Welding Procedures as per ASME Sec VIII Div.1 with reference as ASME Sec IX.
- 50 Qualified Welders

WPS, PQR & WPQR are available for the following:			
✓ P1 to P1 (Carbon Steel to Carbon Steel)	✓ P5A to P5A (Alloy Steel to Alloy Steel)		
✓ P1 to P4 (Carbon Steel to Alloy Steel)	✓ P5A to P1 (Alloy Steel to Carbon Steel)		
✓ P1 to P7 (Carbon Steel to Stainless Steel)	✓ P5A to P8 (Alloy Steel to Stainless Steel)		
✓ P1 to P8 (Carbon Steel to Stainless Steel)	✓ P7 to P7 (Stainless Steel to Stainless Steel)		
✓ P4 to P4 (Alloy Steel to Alloy Steel)	✓ P7 to P8 (Stainless Steel to Stainless Steel)		
✓ P4 to P7 (Alloy Steel to Stainless Steel)	✓ P8 to P8 (Stainless Steel to Stainless Steel)		
✓ P4 to P8 (Alloy Steel to Stainless Steel)	✓ P43 to P8 (Hastelloy to Stainless Steel)		
✓ P15E to P15E (Alloy Steel to Alloy Steel)	✓ P43 to P43 (Hastelloy to Hastelloy)		

Weld Overlay: Stellite 1, Stellite 6 & Inco 82

MANPOWER

■ 460 Employees including 90 Engineers



CERTIFICATIONS

We are the First in India to be certified for Integrated Management system - 5 (iMS 5)

- ISO 9001:2015 (QMS Quality Management System)
- ISO 14001:2015 (EMS Environmental Management System)
- ISO 45001:2018 (OHSMS Occupational Health & Safety Management System)
- ISO 27001:2013 (ISMS Information Security Management System)
- ISO 50001:2018 (EnMS Energy Management System)
- ASME 'U' STAMP To manufacture coded vessels with ASME 'U' code stamp
- NATIONAL BOARD 'NB' STAMP To apply the 'NB' mark & register Boilers, Pressure vessels or other Pressure retaining items with National Board
- NATIONAL BOARD 'R' STAMP To attend metallic repairs, field repairs and alterations in accordance with National Board 'R' stamp.
- INDIAN BOILER REGULATION (IBR) CERTIFICATE Our shop is approved by IBR for Design & Manufacturing Pressure Vessels & Heat Exchangers under the purview of IBR
- PETROLEUM EXPLOSIVE AND SAFETY ORGANIZATION (PESO) CERTIFICATE Our shop is recognized by Petroleum and Explosives Safety Organization as an approved manufacturer of unfired pressure vessels as per SMPV (U) rules.
- **EIL CERTIFICATE** Our shop is enlisted with EIL (Engineers India Limited) for the manufacture of Pressure Vessels, Silencers.
- **ZED GOLD RATED** Awarded "ZED GOLD" by Quality Council of India.
- WASH CERTIFICATE Awarded "Workplace Assessment for Safety and Hygiene (WASH)" by Quality Council of India.
- Winner of CII SR EHS Excellence Award 2020 with 4 STAR Rating

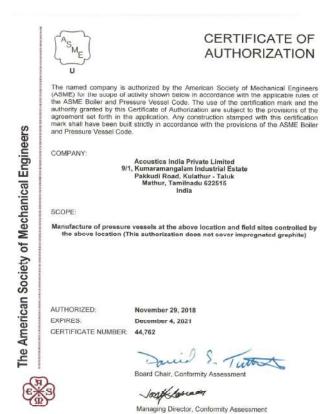






ASME 'U' STAMP

NATIONAL BOARD 'NB' STAMP





NATIONAL BOARD 'R' STAMP



PESO CERTIFICATE





IBR CERTIFICATE

PUBLIC WORKS DEPARTMENT DIRECTORATE OF BOILERS

FROM

Thiru S.Ganesan, M.Tech., DIRECTOR OF BOILERS, First Floor (South Wing) P.W.D. Office Compound, Chepauk, CHENNAI – 600 005.

M/s. Acoustics India Private Limited, 9/1, Kumaramangalam Industrial Estate, Pakkudi Post, Mathur,

Pudukkottai District - 622 515.

Letter No. BL4 / 1302-M / 2020, dated 2-07.2020.

Dear Sirs,

Firm Registration – to Design and Fabrication of Pressure Vessels and Heat Exchangers upto 25mm thick and Fabrication of Piping Components - Indian Boiler Regulations, 1950 – firm registration renewal – requested – Reg.

Ref: Your Letter No. AIPL/IBR/201/20/Dt.30.06.2020.

With reference to your letter cited the firm registration to Design and Fabrication of Pressure Vessels and Heat Exchangers upto 25mm thick and Fabrication of Piping Components under the purview of Indian Boiler Regulations 1950, is renewed for a further period of one year from 01.07.2020 to 30.06.2021.



ISO 27001:2013 ISMS



ACOUSTICS INDIA PRIVATE LIMITED

ACDUSTICS

NO. 9/1, KUMARAMANGALAM INDUSTRIAL ESTATE, PAKKUDI ROAD, MATHUR, PUDUKKOTTAI – 622 515., TAMIL NADU, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the nagement System of the above organization has been audited and found to rdance with the requirements of the Management System standard detailed

ISO/IEC 27001:2013

Scope of certification

DESIGN AND MANUFACTURE OF NOISE CONTROL PRODUCTS (INDUSTRIAL & BUILDING), PRESSURE VESSELS, HEAT EXCHANGERS, E-HOUSES, SKID PACKAGES, VALVE COMPONENTS, PIPING COMPONENTS, TURNKEY ENGINEERING PROJECTS AND DESALINATION PROJECTS.

STATEMENT OF APPLICABILITY NO.3.0 DATED 29.06.2020

Expiry date of previous cycle: 08 September 2020 Recertification Audit date: 12 August 2020

09 September 2008

Recertification cycle start date: 08 September 2020
Subject to the continued satisfactory operation of the organization's Management Syst this certificate expires on: 08 September 2023

Certificate No. IND.20.13836/IS/U Version: 1

Sugned on heralf of BUCH SAS - UK Branch

Signed on behalf of U.S.
Jagdileesh M. MANIAN
Head – CERTIFICATION, South Asia
Commodities, Industry & Facilities Of

ISO 9001:2015 (QMS), ISO 14001:2015 (EMS), OHSMS 45001:2018, ISO 50001:2018 (EnMS)



Bureau Veritas Certification

ACOUSTICS INDIA PRIVATE LIMITED

NO. 9/1, KUMARAMANGALAM INDUSTRIAL ESTATE, PAKKUDI ROAD, MATHUR, PUDUKKOTTAI – 822 515, TAMIL NADU, INDIA.

Bureau Veritas Certification Holding SAS — UK Branch certifies that the Managem System of the above organization has been audited and found to be in accordanc with the requirements of the Management System standards detailed below.

Standards

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Scope of certification

DESIGN AND MANUFACTURE OF NOISE CONTROL PRODUCTS (INDUSTRIAL & BUILDING), PRESSURE VESSELS, HEAT EXCHANGERS, E-HOUSES, SKID PACKAGES, VALVE COMPONENTS, PIPING COMPONENTS, TURNIKEY EMOINEERING PROJECTS AND DESALINATION PROJECTS.

Original cycle start date For ISO 9001: 8 ISO 14001: Original cycle start date For ISO 45001: Expiry date of previous cycle For ISO 9001: 8 ISO 14001: 05 October 220 Expiry date of previous cycle For ISO 45001: Recertification Audit date: Recertification cycle start date :

04 August 2020 01 October 2020 Subject to the continued satisfactory operation of the organization's Management Systems certificate expires on: 30 September 2023

01 October 2020

Not Applicable

Certificate No. IND.20.10992/IM/U Revision date: 01 October 2020 Version: 1

on behalf of DVCH SAS – UK Branch esh N. MANIAN CERTIFICATION, South Asia dribes, Industry & Facilities Division

Bureau Veritas (India) Private Limited (Certification Business) 72 Business Park, Marol Industrial Area, MIDC Cross Road "C" Andheri (East), Mumba' – 400 093, India.



Bureau Veritas **Certification**

ACOUSTICS INDIA PRIVATE LIMITED

NO. 9/1, KUMARAMANGALAM INDUSTRIAL ESTATE, PAKKUDI ROAD, MATHUR, PUDUKKOTTAL 822 515, TAMIL NADU, INDIA

Bureau Veritae Certification Holding SAS - UK Branch certifies that the Managemen System of the above organization has been audited and found to be in accordance with the requirements of the Management System standard detailed below.

Standard

ISO 50001:2018

Scope of certification

DESIGN AND MANUFACTURE OF NOISE CONTROL PRODUCTS (INDUSTRIAL & BUILDING), PRESSURE VESSELS, HEAT EXCHANGERS, E-HOUSES, SKID PACKAGES, VALVE COMPONENTS, PIPING COMPONENTS, TURNKEY ENGINEERING PROJECTS AND DESALINATION PROJECTS.

Original cycle start date: Expiry date of previous cycle. Recertification Audit date: Recertification cycle start date :

29 September 2014 28 September 2020 06 August 2020

29 September 2020 Subject to the continued satisfactory operation of the organizathis certificate expires on: 28 September 2023

Certificate No. IND.20.9079/EN/U Version: 1 Revision date: 29 Septe

on bonair of BVCH SAS – UK Branch esh N. MANIAN CERTIFICATION, South Asia



artifications regarding the scope of this certificate and the applicability of the ient system requirements may be obtained by consulting the organization, this certificate validity please call +91.22 8274 2000.





CLIENTELE

STEEL & POWER



EPC



OIL & GAS



ACOUSTICS^M



Acoustics India Private Limited 377, Rajaram Salai, K.K.Nagar, Tiruchirappalli - 620 021. TN, India Tel: 00-91-431 - 4044900 (30 line) Fax: 00-91-431-2456148 Mail: marketing@acousticsind.com, URL: www.acousticsind.com





IBR Approved