

YEAR: 2008-present

EMPLOYER: *ATCO Structures & Logistics Ltd (including former ATCO Noise Management Ltd), Houston, USA*

POSITION: Acoustician

POSITION SUMMARY: Responsible for supporting Acoustics team for consulting projects, noise propagation modeling, noise impact assessments and ambient surveys.

Conduct testing for ANM panels and design new panels for improving the performance in a cost-effective manner.

Specializes in standard test methods (ASTM/ISO).

YEAR: 2007-2008

EMPLOYER: ETS-Lindgren, Cedar Park, TX

POSITION: Acoustic Test Engineer @ NVLAP accredited test lab

POSITION SUMMARY: Responsible for conducting accredited testing in accordance with ASTM and ISO standards (ISO 3744, ISO 3745, ASTM E-90, ASTM E-1050, ASTM E-596). Develop software and excel worksheets for implementing standards. Develop written quality procedure and train technicians for conducting tests.

Present papers on chamber qualification and performance. Worked with the standards committee to improve the qualification procedure.

Support Sales team in chamber design and providing technical support. Also worked as a quality inspector for determining the performance of free-field chambers (Hemi-anechoic & anechoic) and reverberation rooms

YEAR: 2004-2006

EMPLOYER: Department of Mechanical Engineering, Wayne State University, Detroit, MI 48202

POSITION: Research Assistant

POSITION SUMMARY: Worked on the development of **SONIC LENS**, a new technology for precisely identifying the position of a sound source present anywhere in three-dimensional space. This technology provided the co-ordinates of the sound source

Also worked on several projects for the automotive industry like designing silent baffle for reducing the sound intrusion in to the passenger compartment, study the effects of wind noise in wind tunnel.

Experienced in Near-field acoustical holography

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- EDUCATION:**
- MS in Mechanical Engineering with major in Acoustics, Vibration & Noise Control, 2006, Wayne State University, Detroit, MI 48202
 - Bachelor of Technology (Mechanical Engineering) 2004, Kurukshetra University, India

PROFESSIONAL AFFILIATIONS: Member: Acoustical Society of America, INCE (Institute of Noise Control Engineers)
