

Job Description

Title Senior Structural Engineer
Department Engineering
Reports To Vice President, Transit Bus Engineering

Summary Description

- The Senior Structural Engineer is responsible for ensuring that the products built by NABI conform to all of the applicable standards and regulations relating to the structural integrity of the vehicles. This includes specific requirements as applicable for the various contracts to support the structural analysis, in service life, and warranty requirements and includes all of the testing and Finite Element Analysis (or other analysis) required to support the contract requirements.

Job Duties and Responsibilities

- Provide supervision and direction and leadership to the Structural Analysis Group to ensure that assignments are carried out in an accurate and timely manner to meet the design/contract requirements.
- Provide technical direction for the Structural Analysis Group to ensure that all work is done in accordance with accepted industry practices and guidelines.
- Coordinate and schedule activities in support of the requirements of NABI Rt and NABI Inc Engineering groups as well as NABI Contract Administration and Field Service. This includes the completion of all required testing and analysis required by these groups.
- Manage the personnel in the Structural Analysis Group to ensure that they are properly trained and technically competent to carry out their assignments. Arrange for training and education as needed to keep up with advances in the related technology fields, including new development in analysis and testing techniques and related software. Continuous improvement principles and professional growth opportunities are included in these requirements.
- Maintain a close working relationship with the NABI Inc Prototype Shop and the Testing group.
- Develop a solid understanding of the operating conditions and environment that NABI vehicles are exposed to in actual daily usage to ensure the validity of the test and analysis criteria that are utilized.

Education, Experience, and Skills

- As a minimum, a Masters Degree in Engineering with additional specific education in Structural Engineering.
- A minimum of 5-7 years of experience in the analysis and testing of vehicle structures. This must include a thorough understanding of the relationship between vehicle dynamics and the performance of various design elements to successfully handle these dynamics.
- A hands-on working knowledge of the structural analysis techniques and related software programs used to design, analyze and test the related vehicle structures to ensure successful performance of these structures.
- A good understanding of the principles of welding science and a practical working knowledge of good welding practices. An understanding of how to properly incorporate weld design into a vehicle structure.
- Ability to handle numerous projects simultaneously and meet schedule deadlines. Flexibility in adjusting priorities as changes occur.

- Excellent verbal and written communication skills are required. Must be able to prepare thorough and accurate reports. At times, will be required to interface directly with customers to present and discuss the contents of these reports.

Other Position Requirements

- Will be required to work closely with Field Service, Sales, Project Management, and the Engineering groups at all NABI locations.
- Some travel will be required to provide support as outlined above.
- Must be able to represent the Company in a positive, professional manner

Contact:

Kim Hoefer
Executive Search Consultant

678-624-4762 (Office)
404-787-4734 (Cell)

kim@kmhoefer.com