MABEY BRIDGE LTD – Vacancy

JOB TITLE:	**PRODUCT DEVELOPMENT ENGINEER**	SALARY RANGE:	**£27K - £35K**
DEPARTMENT:	**PRODUCT DEVELOPMENT**	LOCATION:	**LYDNEY**
REPORTS TO:	**DIRECTOR OF COMPLIANCE**		

THE PRIMARY PURPOSE OF THE POSITION:

- To evaluate existing products or undertake new product development whether it is modification of existing or fresh start design using traditional and latest market tools plus testing if applicable. Must champion economic lean design for mass produced products.

THE MAIN RESPONSIBILITIES AND DUTIES OF THE POSITION:

- To undertake assessment of existing products - designs, manufacturing processes and materials.
- To undertake both new product development designs and check the design of others as required.
- To develop and maintain a detail awareness of current national and international design codes / standards / loadings (AASHTO, Eurocode, BS5400) both from own perspective and in liaison with other Mabey Bridge engineers to ensure products are or can be assessed in accordance with them. Produce calculations in accordance with the codes.
- To be the engineering focal point and develop to be a technical approval gate for Non Conformance reports.
- To develop to be a technical approval gate for Engineering Modification Requests.
- To undertake on direct level their own, or participate in other departmental, development projects; generating documentation for / from the test regime if appropriate.
- To provide support to key proposals in Client facing roles as required by the Company.

EDUCATION AND TRAINING:

Engineering Degree required preferably in Civil, Structural or Mechanical Engineering.

Extensive analytical and IT skills (Superstress, MathCAD, AutoCAD, all Microsoft Office suite applications). Excellent communication skills (at all levels) are essential. Team orientation approach is necessary.

EXPERIENCE:

The applicant must have extensive Steel Bridge design experience and ideally extensive in depth familiarity of Bridge design codes, primarily AASHTO, BS5400 and Eurocode (with regional variations). The ideal applicant would be able to demonstrate experience in a synergistic product development organisation, both from undertaking the actual development design from a personal standpoint and subsequent manufacture, testing and use.
Experience with Mabey Bridge products would be an advantage.

It is expected that the successful applicant will make an immediate contribution to the role in some areas but training and development will be required in others including product manufacture and use.

To apply please submit your CV and covering letter to Julie Payne at the address below or via email to: hr@mabeybridge.co.uk quoting MBL/pde
The Mabey Group of companies is an Equal Opportunities employer. Selection for posts will be solely on the basis of merit.