ELLWOOD MATERIALS TECHNOLOGIES
METALLURGISt
PROMOTIONAL OPPORTUNITY
February 18, 2015

Ellwood Materials Technologies (EMT) is a subsidiary of Ellwood Group, Inc. (EGI). An opening exists at EMT for a Metallurgist. This person will be responsible for metallurgical research and development projects in areas that involve many EGI divisions. The successful candidate will be hands-on and have strong verbal and written communication skills. Travel will be necessary; reliable transportation and valid driver’s license are required. This position will report to the General Manager of EMT and will be located in New Castle, PA and be responsible for, but not limited to, the following:

**Essential Functions**
- Performing metallurgical research and development projects which result in new or improved products for EGI.
- Assisting EGI divisions with metallurgical quality improvement, product development, failure analyses, and problem solving (including cost reduction and efficiency improvements).
- Finite element modeling of solidification, deformation, and heat treatment.
- Performing other duties, assignments, and projects which will involve travel to EGI divisions and other locations, as required.
- Abide by all policies and procedures established by the Company; and
- Meet attendance requirements.

**Qualifications**

**Experience:**
- Excellent understanding of the effects of steel melting, solidification, mechanical working, and heat treatment on microstructure and mechanical properties.
- Optical Metallography, Scanning Electron Microscopy, other laboratory equipment and failure analysis experience.
- Excellent organizational skills and analytical abilities.
- Proven ability to collect and analyze data, and derive applicable information.

**Education:**
- Minimum: B.S. in Metallurgical Engineering or Materials Science and Engineering or equivalent work experience.

**Prerequisites:**
- Maintains a positive attitude towards challenges;
- Possesses a sense of urgency in executing responsibilities and a strong desire for career growth and development;
- Strong written and verbal skills. Able to present complex technical objectives and goals in an, understandable and tactful manner to achieve desired results;
- Able to consolidate actions and results into a clear presentation format for co-workers and/or senior management;
- Travel up to 20% of the time regionally, nationally and internationally;
- Proactive as well as detail and results oriented with strong desire to succeed;
- Ability to maintain confidentiality at the highest level;
- Work independently (self-directed) by performing with minimal supervision; and
- Ability to adjust to a continuously changing environment.

**Preferred Qualifications**
- Three (3) years of steel experience in a production or research environment strongly preferred.
- Advanced degree(s) in Metallurgical Engineering or Materials Science and Engineering strongly preferred.

Consideration will be given to qualified employees of Ellwood Group, Inc. subsidiaries. If you are interested in applying for this position and you feel you have the qualifications, please send your resume to Marie Russo, Director Human Resources at mrusso@elwd.com or 700 Moravia Street, New Castle, PA 16101. This opportunity will remain posted until 5:00 p.m. on February 25, 2015.

EOE/M/F/V/D

EGI Human Resources Department