

## FORM FOR EMPLOYERS

INSTITUTION: **Rzeszow University of Technology – The Faculty of Mechanical Engineering and Aeronautics**

CITY: **Rzeszow**

POSITION: **assistant professor in Department of Material Science**

DISCIPLINE: **materials engineering**

POSTED: **October 12<sup>th</sup>, 2015**

EXPIRES: **November 20<sup>th</sup>, 2015**

WEBSITE: <http://wbmil.portal.prz.edu.pl/pl/konkursy/>

KEY WORDS: **materials engineering, metallography, test methods for materials, crystallography**

DESCRIPTION (field, expectations, comments):

**A candidate for the above mentioned position should meet the following requirements:**

- possess a PhD degree in the discipline of materials engineering or construction and operation,
- meet the conditions specified in Law on Higher Education of July 27<sup>th</sup> 2005 (Journal of Laws of 2005. No.164, item.1365) and §65 of the Statute of Rzeszow University of Technology,
- knowledge in the field of materials science and materials engineering, including surface engineering, including plastic processing and testing methods of crystal structure,
- have academic achievements including papers published in national and foreign magazines,
- knowledge of research methodology, especially in the field of metallurgy, including preparation of metallographic,
- knowledge of heat-resistant and heat resistant materials and in particular processes for their growing crystals and directional crystallization,
- have the skills to carry out numerical simulation processes and crystallization of liquid metal in the ceramic forms,
- demonstrate the ability to conduct unsupported classes and lectures,
- good knowledge of English,
- comply with generally accepted ethical standards

**Another advantages would be:**

- knowledge of methods for characterization of the surface layer – macro and microstructure, phase composition, residual stresses,
- actively involved in research on characterization and properties of high-temperature creep resistant and heat-resistant materials and the macro and microstructure of crystalline materials,
- collaboration with industry and research institutions.

**Required documents:**

- an application to the Rector of the Rzeszow University of Technology,
- CV, personal report,
- a copy of Dr Eng. Diploma,
- information about scientific achievements,
- a list of research publications,
- a candidate's statement that the Rzeszow University of Technology will be the main employer,
- a statement of consent for processing the personal data for the purposes of the recruitment procedure in accordance with the Data Protection Act of 1997 (Journal of Laws of 2002 no.101, item.926).

The documents should be submitted by **November 20<sup>th</sup>, 2015** to the Dean of the Faculty of Mechanical Engineering and Aeronautics, Jarosław Sęp, DSc, Associate Professor Rzeszow University of Technology, al. Powstańców Warszawy 8, 35-959 Rzeszów.

The University reserves the right to make the final decision whether to accept the candidature of the applicant or to reject it.

Lack of information about the decision is equivalent to rejection of the candidature.