

FORM FOR EMPLOYERS

INSTITUTION AGH - University of Science and Technology, Faculty of Mechanical Engineering and Robotics, Department of Power Engineering and Environmental Protection Facilities

CITY Cracow

POSITION assistant professor

DISCIPLINE mechanical engineering

POSTED

APPLICATION DEADLINE: 15.01.2018

WEBSITE

KEY WORDS power machines and systems, power engineering, power boilers, thermodynamic

DESCRIPTION (field, expectations, comments):

1. Candidate should fulfill requirements specified by Act from 27 July 2005 r. – Higher Education Act (Dz. U. z 2012 r. poz. 572 z późn. zm.)
2. Requirements:
 - PhD in mechanical engineering discipline,
 - publications record in field of: power machines and facilities, boilers and heat exchangers, power systems and use of CAD systems,
 - taking parts in conferences (or events) in mentioned above field,
 - experience in the teaching of thermodynamics,
 - at least 5 years of experience in the R&D in power plants,
 - experience (professional work) in solving problems of construction, operation and diagnostics of industrial fans,
 - foreign research and scientific training in R&D department,
 - professional experience in projects in field of power systems, clean coal technologies, monitoring and diagnostic of power systems,
 - good practical knowledge of numerical modeling techniques CFD (MES, MEB, MOS, MRS), knowledge ANSYS, FLUENT, STAR CCM+, Epsilon Prof., etc...
 - the ability to use CAD programs,
 - ability to scientific work in team, and teaching,
 - knowledge of foreign language: English (at least B2 level).