

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

Illinois Sustainable Technology Center
Division of The Institute of Natural Resource Sustainability

One Hazelwood Drive
Champaign, IL 61820



MANUFACTURING ENGINEER (2 positions)

The Illinois Sustainable Technology Center (ISTC) is a Division of the Institute of Natural Resource Sustainability at the University of Illinois. ISTC is a change agency that performs research, spreads awareness, and facilitates implementation regarding practices, technologies and systems that improve sustainability. ISTC engineers and scientists focus their efforts on techniques that improve the efficiency of materials and energy utilization in businesses and communities throughout the State. ISTC is searching for a Process Engineer to work out of their ISTC offices in Oak Brook, Illinois.

Responsibilities

The Manufacturing Engineer, under the supervision of the Regional Manager, will work with agency partners to provide technical assistance to Illinois companies, communities, and the manufacturing industry in identifying opportunities and implementing solutions to improve their efficiency associated with materials, processes, and energy utilization. Responsibilities include: conducting on-site opportunity assessments independently and in conjunction with representatives from partner agencies; identifying material optimization and efficiency opportunities and waste and energy minimization options; managing technology demonstration projects and implement systems that are more sustainable from both environmental and economic perspectives; identify and secure contractual agreements to conduct pilot projects at industrial facilities. In addition the Manufacturing Engineer will make presentations to clients/managers and at technical workshops/conferences; provide marketing services including technical content for articles; collect and report measures and project data; produce applicable technical reports; and develop proposals/grant applications to seek external funding.

Qualifications

Minimum requirements include a bachelor's degree in environmental, chemical, industrial, or mechanical engineering or related field and at least 2 years of experience in a related setting. Experience working in manufacturing a plus. Prefer candidates with a broad range of skill sets. Project management experience is strongly desired, as is a successful track record of grant writing and research publications. The selected candidate must be a self starter and possess excellent personal relations and communications skills and have the ability to work both independently and on teams. Proficiency with word processing, spreadsheets, statistical software, and presentation software is desired. Experience with project management and design software a plus. Proficiency in English and the ability to communicate effectively is required.

Benefits

Attractive benefits package offered, which includes generous vacation, personal and sick leave, and health/life/dental/vision insurance. Salary range: \$60,000 - \$65,000 per year commensurate with experience. **First consideration will be given to applicants submitting resumes by February 18, 2011 to <https://jobs.illinois.edu>.**

Anticipated Start Date: March 15, 2011

The University of Illinois is an Affirmative Action/Equal Opportunity Employer and values diversity.