

Strengthening Minnesota businesses by maximizing efficiency and lowering costs through energy, water and waste reduction

Internship: Lead a project focused on energy and steam efficiency at a cereal making facility.

Company: Post Consumer Brands, Northfield, MN

The Minnesota Technical Assistance Program (MnTAP) is seeking a junior or senior college student to lead a project focused on energy and steam efficiency with Post Consumer Brands in Northfield, MN. The intern will work with MnTAP and Post staff to identify opportunities to save energy in the cereal making process. The project will involve analyzing baseline data, developing timelines and cost estimates for multiple improvement options, working with vendors to obtain quotes, observing key processes, and consulting with operators to identify areas of waste and opportunities for energy savings.

JOB DUTIES:

As part of this project, you will be asked to complete the following tasks:

1. Research options for boiler upgrades as recommended in energy assessment report.
2. Develop recommended course of action with cost justifications, and work with vendors to develop quotes for chosen alternative(s).
3. Investigate opportunities for hot water reduction and heat reclamation on the cereal cooker lines.
4. Investigate opportunities for compressed air savings in the boxing and packaging areas.
5. As appropriate, initiate implementation of approved changes and system upgrades.
6. Summarize findings in a poster, an executive summary and a detailed report, including recommended procedures and vendor proposals along with an economic analysis and justification of changes.
7. Present findings to the company and at MnTAP-hosted public presentation events

As an intern, you will work at the company and report back to MnTAP. The position is full time, 40 hours per week, for three months to start after the conclusion of spring semester or quarter. Pay is \$14/hour, with a lump sum stipend of \$1,000 upon completion of the project deliverables: a final report and presentations. Cumulatively, this equates to \$16.00/hour when averaged over the project. Candidates must pass a background check and drug test.

QUALIFICATIONS:

- Cumulative GPA of at least 3.0
- Good oral & written communication skills
- A technical academic background
- Troubleshooting skills
- Self-motivated
- Excel and other software skills
- Appropriate majors: *Engineering, environmental or physical sciences and others as applicable*

TO APPLY:

Apply online at:

www.mntap.umn.edu/intern/student_apply.htm

Remember to submit your application form, cover letter, resume, and unofficial transcript.

Applications can be addressed to:

Nathan Landwehr, Intern Program Administrator
200 Oak Street SE, Suite 350-1
Minneapolis, MN 55455 • landwehr@umn.edu

MNTAP IS THE HIRING BODY: DO NOT CONTACT THE COMPANY