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Job Title: Manufacturing Engineering Intern (or early-career engineer), Danfoss, Newbern

Business/Location: Danfoss Hydraulics, 860 Blankenship Road, Newbern, TN 38059

Requirements:

- Currently pursuing or recently completed a degree in:
 - Industrial Engineering
 - Manufacturing Engineering
 - Mechanical Engineering
 - Engineering Technology
 - Or a related technical field
- Exposure to manufacturing environments through coursework, co-ops, or internship work.

Technical Skills

The ideal candidate should be comfortable with (or eager to learn):

Process & Time Study Skills

- Performing **time studies** and work measurement using structured methods.
- Understanding of **standard work**, **cycle time**, and **process flow**.
- Ability to compare actual performance to OEM or standard labor expectations.

Data & Documentation Skills

- Collecting and organizing data clearly and accurately.
- Updating **BOMs, routings, work instructions**, and production documentation.
- Ability to read engineering drawings and understand basic manufacturing terminology.

Root Cause Analysis & Problem Solving

- Familiarity with (or interest in):
 - 5 Whys
 - Fishbone Diagrams
 - Pareto Analysis
 - FMEA
- Strong analytical thinking and ability to break down complex problems.

Digital & Software Skills

- Intermediate Excel/Google Sheets
- Comfortable learning time-study or data-collection tools
- Exposure to CAD or PLM software is a plus, but not required

Hands-On Plant Involvement

We need someone who is not afraid to:

- Spend time on the production floor gathering cycle times
- Observe manufacturing processes directly
- Interview operators to understand where processes are breaking down
- Document issues and follow-up actions clearly

This intern should be excited by **hands-on learning**, not just office work.

Responsibilities include but are not limited to:

The person in this role will help drive improvement by:

Time Studies & Routing Verification

- Conducting time studies across multiple departments
- Comparing findings against OEM standards
- Identifying non-standard operating methods
- Rebuilding or validating accurate labor routings

BOM & Documentation Support

- Reviewing BOM accuracy and identifying missing or incorrect components
- Updating documentation based on observed actual practices

Machinery & Process Checks

- Supporting machine capability assessments
- Recording common downtime drivers and performance concerns

Root Cause Analysis & Corrective Actions

- Supporting the engineering/operations team in RCA activities
- Documenting issues, corrective actions, and recommended improvements

Soft Skills We Value

- Curiosity and willingness to ask questions
- Strong communication with operators, supervisors, and engineers
- Organized and detail-oriented
- Self-driven and able to work with minimal supervision
- Comfortable analyzing data and summarizing findings

Contact Information: Stephanie Corder, HR People Partner, 901-628-3003

Send Resume to: stephanie.corder@danfoss.com

Do you need help developing a resume or cover letter? Could you use some tips to prepare for an interview? Email the Career Counselor, [Carol Pham](#), or call 901-475-3105, or email the Counselor/Career Services Coordinator, [Carmen Pfeifer](#), or call 901-475-3137. Check out the DSCC [Career Services](#) website.