

Natalia Holland

Process Engineer

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STRENGTHS

- 🔧 **Process troubleshooting**
When unit performance shifted, field observations and operating data helped isolate practical causes for team action.
- ♥ **Safety documentation**
Hazard reviews and incident records became clearer, giving operating teams stronger context for follow up decisions.
- 👥 **Cross functional work**
Operations and maintenance partners received useful engineering context during shared troubleshooting and performance discussions.
- 📊 **Engineering analysis**
Excel calculations and equipment information turned process questions into recommendations teams could evaluate with confidence.
- ⚙️ **Process improvement**
Reliability and energy reviews connected daily operating signals with practical opportunities for stronger unit performance.

SKILLS

Process improvement

Troubleshooting

Process simulation

Equipment modeling

Thermodynamics

Reaction engineering

P&ID interpretation

PFD interpretation

Hazard evaluations

Incident investigations

Process documentation

SUMMARY

Chemical engineering professional with five years supporting process improvement, refinery operations, reliability initiatives, and industrial safety work. Analyzes operating data, equipment information, and field observations to identify yield, **energy efficiency**, reliability, and process performance opportunities. Develops practical engineering recommendations through process calculations, equipment modeling, thermodynamics, reaction engineering, and simulation concepts. Partners with operations, maintenance, and engineering groups during troubleshooting, hazard reviews, incident investigations, **management of change**, turnaround planning, and process documentation. Uses Excel and Microsoft Office for technical analysis, records, and recommendations grounded in operating conditions. Experience interpreting P&IDs and PFDs supports sound equipment and workflow evaluations. This background supports thoughtful decisions, clear communication, and dependable execution across industrial teams. Ready for continued growth in **refining operations** and **process engineering**.

EXPERIENCE

Process Engineer

Midwest Process Technologies 📅 April 2023 - Present 📍 Evansville, IN

Supports **process performance improvement**, reliability analysis, engineering recommendations, safety reviews, turnaround planning, and operating documentation. Works with operations and maintenance teams on technical issues affecting industrial process performance.

- Analyzed process data in Excel, identifying **reliability** and energy efficiency opportunities for operating teams.
- Developed equipment recommendations using process calculations, **operating observations**, and engineering records.
- Supported hazard reviews, management of change, and incident investigation documentation for process improvements.
- Troubleshoot **unit performance** with operations and maintenance teams, clarifying causes through **field observations**.
- Maintained **process documentation** and engineering records, giving operators dependable technical references.
- Reviewed equipment needs for turnaround planning, connecting execution requirements with operating priorities.

Junior Process Engineer

Industrial Solutions Partners 📅 July 2021 - March 2023 📍 Indianapolis, IN

Supported chemical processing studies, production improvement work, process simulation tasks, equipment evaluations, technical documentation, and safety focused collaboration. Built early career depth through supervised engineering analysis and field based review.

- Supported chemical processing studies, linking **engineering analysis** with production improvement recommendations.
- Prepared **technical documents** in **Excel**, organizing calculations and findings for engineering reviews.
- Interpreted P&IDs and PFDs during equipment evaluations, clarifying workflow and process connections.
- Assisted **process simulation** tasks, applying **engineering calculations** to chemical processing questions.
- Joined cross functional safety meetings, connecting field observations with operational performance discussions.
- Documented **engineering** findings from field reviews, preserving useful context for follow up decisions.

