

Eric Theisen

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Employee Contribution

Diverse background in synthetic organic chemistry, structural aerospace technician and leadership, mechanical skills and experience with heavy machinery hydraulic systems. Eager to contribute to team building, problem solving and productivity to any work environment. My knowledge from such a wide variety of different vocations allows me to be successful in many aspects.

Skills and Certifications

OSHA Safety Practices, NASA engineering standards. ESD trained, ISO-7/8 Cleanliness trained. Clean room environment familiarity in aerospace and chemical situations. COPV handling. AI&T trained for certifying builds. Experienced with heavy operational machinery: forklift, overhead crane operator, excavator, JLG Lift, skid steer. GSE tracking, implementation, and documenting. FOD awareness and control. Writing and understanding both engineering and scientific standard operating procedures. Laboratory instrumentation familiarity as well as testing methods on HPLC, GC, H-NMR. Sample preparation and placement into instrumentation for analysis.

Employment History

Operations Chemist, Corden Pharmaceutical

February 2023- Present

- Small scale chemical synthesis of Active pharmaceutical ingredients
- Perform various operations involving hazardous chemicals
- Demonstrated progressive understanding of plant equipment, plant infrastructure systems and chemical processing principles according to cGMP practices
- Follow Standard operating procedures in appliance with environmental and safety hazards while executing day to day tasks safely
- Met potent small scale drug production goals consistently across multiple shifts
- Assist in process improvement in chemical processes and mechanical means
- Responsible in handling and disposing of hazardous waste

Engineering Technician Lead, Sierra Space - Dream Chaser Tenacity Project

March 2021 - August 2022

- Lead a team of technicians on weekend shift (3rd shift) to carry out Dream Chaser Tail 1 structural and mechanical build.
- Organized workflow and delegated tasks to technicians.
- Communicate daily with Engineering team to keep work going.
- Participated in daily meetings with department managers about production floor needs, restraints, and issues to facilitate efficient workflow.
- Precision drilling, locating and installing of critical flight parts onto aircraft structure.

- Trained and worked alongside 338 technicians to assist them in understanding engineering drawings, 2-part epoxy mix and cure, on-ship mechanical/structural installs, composite material handling, and maintaining 5S and NASA workmanship and safety standards.

Process Chemist II, Precision Plant Molecules

May 2020 - April 2021

- Synthesized bulk quantity of cannabinoid chemicals for wholesale.
- Performed production scale synthesis of minor and major cannabinoids.
- Bench top research and development to implement into production.
- Analytical lab experience with common lab instrumentation.
- Written standard operating procedures for production processes.
- Laboratory equipment install, maintenance and troubleshooting such as vacuum pumps, Rotovaps, Fume Hoods etc.

Hydraulic Mechanic, Industrial Hydraulic and Machines

August 2010 - January 2016

- Worked on hydraulic machinery from oil rig companies, airlines, large construction equipment and cranes
- Disassembly of hydraulic pumps, motors, cylinders to determine issue. Part ordering and write up of assembly issues to begin repair process.
- Full assembly on and off vehicles of hydraulic equipment followed by pressure testing and verify component operates safely and correctly.
- Proficient with a wide variety of pneumatic tools and manual tools during daily tasks.
- Maintained material/stock inventory of seals, piece parts, full assemblies.
- Operated hydraulic system for testing and troubleshooting purposes to verify hydraulic assembly is operating correctly and holding pressure before sending back to customer.

Education

Industrial Chemistry, Bachelors of Science

University of Northern Colorado - 2020

Horticulture Science, Associate of Science

Front Range Community College – 2014

References

Kyle Noser, Sr. Manufacturing Engineer, Sierra Space

(303) 587-3352

Dr. Michael Mosher, Professor, University of Northern Colorado

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David Jackson, Supervisor Precision Plant Molecules (515) 577-9804

Justin Doyle, Industrial Hydraulic and Machine (303) 659-0620