

**AMANDA KIMBALL**

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**Objective** Seeking a position where I can improve my project management, project engineering, and compliance management skills working in a team environment on innovative and challenging projects.

**Experience QUALITY ENGINEER**

ACCELLENT, ARVADA, CO.

*April 2011 –current*

Progressively increased my role from area quality engineer to quality system oversight for entire facility:

- Started as production area quality lead for various production process areas. Received corporate award in 2011 for breakthrough scrap reduction project.
- Took over corrective and preventative action (CAPA) system coordination.
- After managing projects in our CAPA system, promoted to manage customer complaint projects.
- Became quality system oversight for entire facility.

Currently managing 20-30 projects at any given time from initial customer issue/production problem, root cause investigation, design of experiment (DOE) studies, corrective action implementation, and follow up effectiveness verification/validation checks.

**ELECTROCHEMICAL DESIGN ENGINEER**

SELECTION TECHNOLOGIES, GOLDEN CO.

*June 2010 – April 2011*

Designed next generation electrochemical cell for newly developed ion separation technology:

- Worked with outside engineering firm to design pilot scale production facility for demonstration of next generation electrochemical cells.
- Designed product verification test bed for evaluation next generation cells.
- Designed components using Solidworks, released drawings for quote to outside machine shop, coordinated component delivery, and helped assemble first prototypes.

**SENIOR PROCESS ENGINEER**

ACCELLENT, ARVADA, CO.

*August 2007 – June 2010*

Transferred new chemical etching and electropolish process from R&amp;D facility to production facility.

- Productivity increased 10 fold.
- Decreased scrap rate by 20%.
- Replaced a hazardous chemical which caused a fire at the R&D facility.
- Hired, trained and mentored new staff within the new operation.
- Obtained permitting from Metro Waste Water Reclamation District and small quantity generator RCRA from EPA.
- Established procedures for chemical handling and developed right to know OSHA training.

Help to increase the production capacity for a production cell which included the aforementioned chemical process.

- Responsible for oversight of construction activity.
- Created floor plan layouts for additional equipment.
- Added new mezzanine area, addition of ventilation, fume hoods, and utility installations.
- Worked with a gas supply company to install nitrogen and argon bulk gas storage tanks to replace previous dewars and gas cylinders.
- Received 'builders' award for NiTi Heatset and Electropolish Platform Team in 2009.

**ADA TECHNOLOGIES INC, LITTLETON, CO***August 2002 – October 2007*

Worked with other engineers, scientists and technicians to develop a number of technologies including:

- novel sorbents for removal of metal contaminants (arsenic, mercury, etc.) from drinking water (US 7,183,235 )
- an amalgam separator and line flushing cleaner for removal of mercury from dental waste (WO/2005/032394)
- electrochemical strippable coating system to remove contamination from conductive surfaces (WO/2007/001263)
- fine water mist fire suppression system (patent pending: US 2008/0128145 A1)

Managed 1.8 Million dollars in contract research projects.

Received "Rookie of the Year" award in 2003, "Presidents Award" and "Associates Award" in 2004, "Rising Star Award" in 2005, and "Presidents Award" in 2006.

**Education Bachelor of Science in Chemical Engineering**

Colorado School of Mines, Golden, CO.

May 2002

National Science Foundation Research Scholarship - Worked with a graduate student on hot wire chemical vapor deposition and analysis of Teflon® films using AFM, Ellipsometry, and conductivity measurements. Designed/built a controlled atmosphere annealing furnace.