

Paul J. Buckel III

724-246-1474(home)

724-710-9200(cell)

805 5th Street Tower Hill #1

Republic, PA 15475

paulbuckel3@gmail.com

Experience:

Johnson Matthey Process Control Engineer (February 25, 2013-December 18, 2013)

- Worked day, afternoon, night, and 7 PM to 3 AM swing shifts.
- Managed production line, with a focus in preventing downtime and making quality parts.
- Directed at least five technicians at any one time. Plant was frequently understaffed on off-shifts and had to assist directly.
- Completed paperwork for lot startup, set up the line, and timed changeovers.
- Worked with support groups including maintenance and material control to keep the line moving.

Adair Research Group (May 30, 2012 – August 3, 2012)

- Prepared stainless steel powder slurry
- Helped prepare molds to produce mechanical testing components
- Prepared zirconia powder slurry.

Penn State Berkey Creamery (March 31, 2012 – August 3, 2012)

- Served customers
- Worked cash register
- Assisted in store closing and opening

Johnson Matthey Inc. Quality Control Internship (May 16, 2011 – August 12, 2011)

Assisted with sample preparation and procedures for the following tests:

- X-ray Fluorescence Spectroscopy
- Particle Size Analysis
- Surface Area Analysis
- Backpressure Tests
- pH and Conductivity
- Handled powder products on a daily basis and took sample cores from catalytic converters.

Pennsylvania State University Undergraduate Research Fellow (October, 2010-April, 2010)

- Worked with fine ceramic powders.
- Performed the following tests/procedures:
 - Tap density
 - Sieving
 - Pan granulation

Johnson Matthey Inc. Maintenance Internship (May 10, 2010 – August 13, 2010)

- Helped to manage a one million dollar inventory.
- Checked out items and unloaded shipments.
- Frequently handled two thousand dollars in supplies at once.
- Took a full inventory once a month. Helped to track down missing items.
- Communicated with vendors to track late deliveries.
- Managed the inventory alone for a week when the inventory manager was on vacation.
- Measured NOx emissions.
- Assisted on the assembly line for several hours a day after a large turnover.
- Reorganized maintenance manual library into an easily accessible form.

Buckel Remodeling (2002 – 2010)

- Hung drywall, installed windows and doors, bent aluminum for window covers, worked on roofs, and demolition.

Honors

- Eagle Scout. Westmoreland-Fayette Council. 2008.

Education:

- Materials Science and Engineering (Metals Option): Summer 2012
The Pennsylvania State University
College of Earth and Mineral Sciences
State College, PA 16802.
GPA: 2.66