

Sonia Furman

Process Engineer - KBR/BE&K Engineering, Incorporated

Collingdale, PA - Email me on Indeed: [indeed.com/r/Sonia-Furman/7dbcf6a524bf5088](https://www.indeed.com/r/Sonia-Furman/7dbcf6a524bf5088)

A process engineering position with opportunities for advancement

WORK EXPERIENCE

Process Engineer

KBR/BE&K Engineering, Incorporated - Newark, DE - May 2007 to Present

Newark, DE

Provide engineering assistance with DuPont projects while working on a multidisciplinary team and while working with client personnel. Assist with the development of detailed engineering/project design for chemical plants. Make suggestions for process specifications of equipment and instrumentation. Analyze process flow and instrumentation diagrams for potential causes of overpressure and calculated relief rates for overpressure scenarios. Size rupture disks and pressure relief valves for the protection of pipes, heat exchangers, storage tanks, and other pressurized vessels utilizing various software packages and spreadsheets. Assist with design bases, design records and other documentation for these relief devices. Assist with the maintenance of the process equipment list.

May 2007- Present

Substitute Teacher, Substitute Teacher Service

several schools - Media, PA - March 2004 to May 2007

in the Delaware County area. Also worked with mentally and physically challenged students on special assignment.

March 2004-May 2007

Process Engineer, Kimberly

Kimberly-Clark Corporation - Chester, PA - January 2002 to March 2004

Worked on the Process and Product Improvement Team as a Process Engineer in a fast-paced, team oriented paper manufacturing company. Coordinated and managed simultaneous improvement projects as assigned by the Team Leader. Interacted and cooperated with machine operators, engineers of various disciplines, and other crew members in order to accomplish project goals. Collected, tested, and analyzed tissue samples and process data for assessments of tissue quality and machine performance. Prepared basic statistical analyses. Reported project progress to team members in weekly meetings. Additionally, assisted team members with their improvement objectives.

Chemical Technician

Agilent Technologies - Wilmington, DE - January 2001 to January 2002

Assisted with the implementation and maintenance of an electronic database for the organization of the chemical inventory on site. Completed a physical chemical inventory. Received, handled, and stored chemical inventory for the entire plant. Organized relevant files in order to update inventory information. Incorporated this system at a second location and trained several employees on inventory procedures.

July 2000-January 2001

EDUCATION

M.S.

Widener University - Chester, PA
2011

Chemistry

Drexel University - Philadelphia, PA
2010