

Jeffrey Italiano

Product Engineer/Process Engineer

Spring City, PA - Email me on Indeed: [indeed.com/r/Jeffrey-Italiano/2e78b454ea2e6e6d](https://www.indeed.com/r/Jeffrey-Italiano/2e78b454ea2e6e6d)

WORK EXPERIENCE

Product Engineer/Process Engineer

CARSOUND EXHAUST SYSTEMS Inc - Rancho Santa Margarita, CA - April 2012 to February 2016

Responsibilities include the following:

Product Engineer: Developed novel catalyst formulations, made samples for internal and customer performance testing. Performed internal testing via vehicle dynamometer Constant Velocity Sampling with Horiba analyzer bench, X-ray Fluorescence, BET surface area and pore size measurement, Particle Characterization and back pressure measurements.

Process Engineer: Developed new production techniques, designed and assisted in constructing production equipment to improve productivity quality and efficiency as well as expand into new product lines. Supervised production of new products.

Senior Product Engineer

HYPERCAT-ACP LLC - West Chester, PA - January 2006 to November 2011

Responsibilities include the following:

Product Engineer: Managed sample preparation along with research and development and assisted in process development in order to meet customer needs and establish Hypercat-ACP as an responsive company in the industry. Developed production methods and procedures for new products for emission control. Developed and prepared novel products for expanded applications in emissions control. Provided calibration and maintenance for all laboratory instruments. Wrote standard operating procedures in compliance with ISO9000 requirements.

Senior Technology Specialist

JOHNSON MATTHEY CATALYTIC DIVISION - Wayne, PA - July 2000 to January 2006

Responsibilities include the following:

Senior Technology Specialist: Prepared emissions control catalysts for new product development, customer applications and process development in the pilot plant and laboratory. Sample preparation includes powder preparation via incipient wetness, hydrolysis, and milling of powders to specific particle sizes. Responsibilities also included efficient organization within a group schedule, careful documentation of all experiments and preparations. Responsible for calibration and maintenance of all laboratory instruments

Bench Chemist

QUAKER CHEMICAL, INC - Conshohocken, PA - May 1999 to May 2000

Responsibilities include the following:

Bench Chemist, Steel Rolling, Cleaning and Corrosion Laboratories: Formulated new products as well as modified current product formulations to meet customer specifications. Performed chemical analyses on new and in process product samples. All data compiled in laboratory notebooks and summarized for analysis by laboratory manager.

Laboratory Technician

ROY F. WESTON COMPANY - Lionville, PA - November 1993 to May 1999

Responsibilities include the following:

Laboratory Technician: Analyzed various chemical and physical properties of drinking, surface, ground and saline waters, soils and industrial wastes via mass spectrometer / gas chromatograph.

EDUCATION**Emergency Medical Services**

DELAWARE COUNTY COMMUNITY COLLEGE - Media, PA

January 2011 to May 2011

Environmental Science

DOWNTOWN SENIOR HIGH SCHOOL & CENTER FOR ARTS AND TECHNOLOGY

January 1996 to May 1998

Chemistry

PENNSYLVANIA STATE UNIVERSITY

September 1993 to December 1995