

Sylvan Comelli

Field Service Engineer - Inductotherm Corp

Holland, PA - Email me on Indeed: [indeed.com/r/Sylvan-Comelli/62dcfc9dff1b9752](https://www.indeed.com/r/Sylvan-Comelli/62dcfc9dff1b9752)

WORK EXPERIENCE

Field Service Engineer

Inductotherm Corp - Rancocas, NJ - January 2015 to Present

Install and inspect equipment according to all engineering manuals, schematics, blue prints, and diagrams

- Perform preventive maintenance work, and attend to breakdown events, new installs, commissioning, and upgrades
- Troubleshoot units, tune up boards, adjust modules, and set computers according to specifications
- Advise and instruct plant personnel on all mechanical and electrical aspects of the units during service
- Vast knowledge of manufacturing processes in induction melting, heating and holding systems
- Work closely with other engineers and managers, in addition to providing customer support on job sites
- Logging the performance of units while also writing up detailed reports recommending changes to engineering designs

Founder and Owner

Comelli Cleaning Services - Philadelphia, PA - December 2012 to Present

Lead a team of four professional cleaners, coordinate workers' schedules, assign tasks, and delegate duties

- Maintain a consistent work flow for all employees, as well as manage to meet all customers deadlines
- Administer the financial aspects of the business, interact with each client, and engage in hands-on activities on all job sites

Manufacturing Engineering Intern

Union Packaging - Yeadon, PA - June 2014 to August 2014

Summer 2014

- Designed parts and components for new and existing machines with the use of CAD programs (SolidWorks)
- Manufactured the parts drawn in the CAD program, in addition to existing drawn parts in blue prints and schematics
- Saved the company thousands of dollars by helping to manufacture a new machine in-house instead of buying one from the manufacturer
- Collaborated with key plant personnel to maintain and improve productivity and profitability of the plant's manufacturing operations
- Assisted troubleshooting multiple machines and equipment

EDUCATION

Bachelor in Mechanical Engineering

Temple University, College of Engineering - Philadelphia, PA
December 2014

Engineering

Community College of Philadelphia - Philadelphia, PA
May 2012

ADDITIONAL INFORMATION

SKILLS & LANGUAGES

- Troubleshooting, machining, brazing, welding, crane operating
- SolidWorks, Microsoft Office, MATLAB, oscilloscope, multimeter
- Fluent in Portuguese and proficient in Spanish