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B & B Food Industry Experience (Sample of Projects)

B&B has successfully worked for countless customers in the food industry since 1987. Below is a small sample of projects.

Confidential Client #1 – Northeastern U. S.

- Installation of process control of a cheese plant
- Included lighting, lighting controls, incoming power and process power, raw receiving equipment to process and pasteurization equipment, batching, conveyors, freezers, coolers and warehousing
- Most installed in aluminum and rigid conduit
- Installed the phone, data, speaker, and sound systems
- Some work completed according to the Good Manufacturing Process (GMP) standards



Confidential Client #4 – Southeastern U. S.

- Work was primarily in the process side with work around the new kitchen and coolers. The scope included power and controls used in this manufacturing process. Installation ranged from P-Coat conduit to rigid and EMT type conduit.

Confidential Client #2 – Northeastern U. S.

- Various projects throughout plant that involved electrical and controls in processing areas



Confidential Client #3 – Northeastern U. S.

- Most work pertained to the distribution side of the plant
- Upgrades to the lighting and reworked the main power service
- Change out of docking area upgrades and power requirements
- Upgraded many items for code compliance

Confidential Client #5 – Southeastern U. S.

- Fire alarm upgrades and service upgrades to a new fire pump building

B & B Food Industry Experience (Continued)

Confidential Client #6 – Northeastern U. S.

Plant Expansion

Project Size ~ \$6.5 million

- Installation of food processing for yogurt plant. This plant had 10 lines for the production of different types of yogurt.
- Power and control processing along with lighting and conveyor systems
- Responsible for the interconnections and conduit runs throughout the plant. Items connected were valves, metering equipment, motors, VFD's, HMI's, control panels, MCC's, limit switches, proximity switches, and other misc. equipment. The different equipment ranged from freezers, conveyor lines, coolers, batch systems, packaging equipment, raw material, waste material, lighting, switchgear and other type of equipment found in food processing conditions
- Project required working in GMP standards and PPE
- Upgrades to the fire alarm system and its interconnections

Confidential Client #7 – Northeastern U. S.

- Installation of food processing equipment, general power wiring, data, fire alarm, sound systems fiber and conveyors
- Set panels, MCC's, control panel, basket tray all copper cabling
- This facility produces items sold at convenience stores with a large variety of food assortments
- Worked with the fire alarm system and supplier

The Maintenance Manager had the following to say about our project leader:

“Your Site Supervisor is one of the best representatives of a company that I’ve known in my 18 years in manufacturing. **He has proven to me and our company that there are honest hard-working people that enjoy what they do and will really do whatever it takes to guarantee customer satisfaction. You and your team of leaders should be extremely proud of him and his accomplishments at our company.** I really can’t say how many times he’s stayed late and focused on getting it done with high quality and on time. I can’t thank you enough for putting him on the job and helping us startup this critical operation. **THANK YOU!!!!!!!!!!!!!!**”

Confidential Client #8 – Northeastern U. S.

- Installation of new ingredient metal detection systems and x-ray system for ice cream line and beverage line including power, controls, programming, and panel builds
- Installation and rework of existing line for installation of new conveyor, shrink tunnel, and package line

B & B Food Industry Experience (Continued)

Confidential Client #9 – Northeastern U. S.

Project size ~ \$7 million

- New plant for making different types of yogurt
- Peak manpower ~ 120 electricians completed project in ~ 6.5 months.
- Responsible for all control wiring and power wiring for the processing lines. It started from the raw receiving to the fillers
- Set the Allen Bradley MCC's, wire motors, set control panels, installed S/S basket tray, installation of all the copper cabling, fiber, P-Coat rigid, rigid, VFD cabling and other misc. items
- Fire Protection system (Fike) which was a fire suppression system for the explosion proof side of the operation. This involved the installation of a superior grounding and static grounding system
- Some work was done according to GMP standards on the process side of the plant operations



Confidential Client #10 – Northeastern U. S.

- Installation of power and controls for process equipment

Confidential Client #11 – MidAtlantic region of U. S.

- Electrical design/build project for installation of new process equipment
- Determined power service needs for new equipment
- Installed new power service and allowed for future expansion
- Upgrades in Mixing Room and Icing Room
- Strong partnership with Maintenance Department supporting any electrical or controls needs

Confidential Client #12 – Northeastern U. S.

- Often have electricians on site supporting the maintenance department
- Have completed numerous electrical, automation, and controls installation projects supporting both the production lines and the buildings and facilities infrastructure
- Established a strong partnership assisting the Engineering and Maintenance Departments with any electrical power or automation needs