

The Conduit

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NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.

MADBURY WATER TREATMENT PLANT UPGRADE AND BELLAMY RESERVOIR IMPROVEMENTS PORTSMOUTH, NH



Charlie Fritz briefs plant operators on remote monitoring of plant operations.

This project replaced Madbury's antiquated water treatment plant with an ultramodern 4 million gallons per day facility. In addition to the new water treatment plant, the project involved a new pump station, clearwell, sitework, intake structure rehabilitation, and associated plumbing, HVAC, and electrical work. Electrical Installations completed the instrumentation and control portion of this project providing state-of-the-art automation of the new water treatment facility. The control system involved supply, installation and calibration of 76 instruments and manufacture of 14 industrial control panels.



Jim Fritz monitors one of the new plant's first backwash cycles.

The stainless steel panels were among the most complex ever manufactured by Electrical Installations, and all underwent extensive witnessed factory testing at EI's panel shop prior to installation on site. Start-up, training and final modifications to the control system were completed in August with plant operators quickly adapting to operation of their new facility. Operators were particularly pleased with the addition of remote monitoring of plant operations via laptops. This project, performed as a subcontract to Penta Corp, represented a superb collaborative effort between EI, Penta Corp., Hazen and Sawyer, and SMR Engineering. Special thanks to Matt Blood and Casey Damon for exemplary service in the panel shop!



Plant Operator Mark Young prepares to put the finishing touches on the new plant's control room.



EMPLOYEE SPOTLIGHT

Anniversaries

Charlie Fritz	24 years
Darlene Fritz	24 years
Chuck Fritz	24 years
Jim Fritz	24 years
Jake Daku	17 years
Kim Souza	3 years
Michele Near	1 year +
Rick Frame	1 year +

Happy Birthday!

9/9	Chuck Fritz	9/20	Jared Leary
9/14	Casey Damon	10/10	Rick Frame
9/15	Matt Blood	10/17	Michele Near
9/17	Jim Fritz	10/28	Darlene Fritz

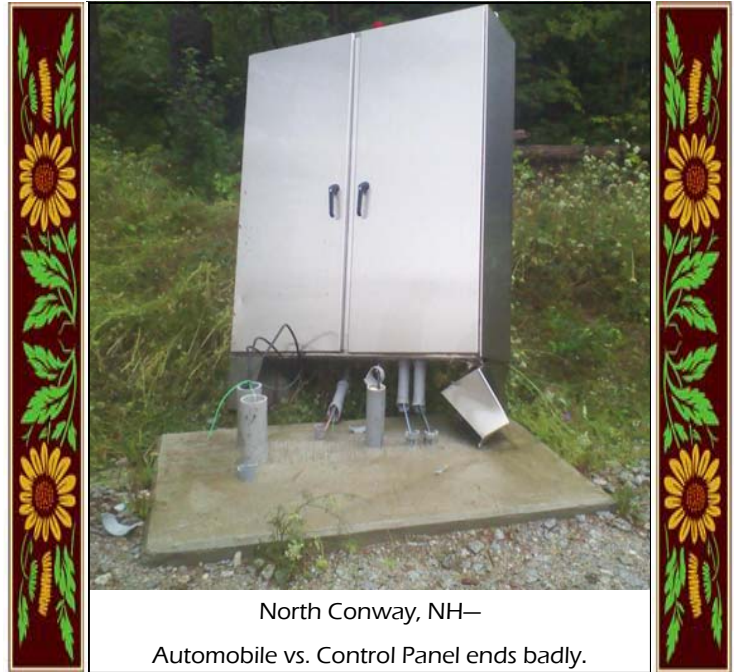


561,666 Number of hours worked without a "Lost Time" Injury



We are proud and amazed that it has been 24 years since Electrical Installations, Inc. began business on October 5, 1987. We have evolved from a fledgling electrical contractor to a dominant force in the instrumentation and controls market for water and wastewater treatment in New England.

We are most thankful for the dedicated and talented employees who have contributed to our success. Next year will mark our 25th anniversary, and we look forward to including all employees in a very special celebration!



North Conway, NH—
Automobile vs. Control Panel ends badly.

CHARLIE'S QUALITY CORNER

OSHA'S TOP 10 VIOLATIONS FOR 2010

1. Scaffolding, General—9,093 violations
2. Fall Protection—6,771 violations
3. Hazard Communication—6,378 violations
4. Respiratory Protection—3,803 violations
5. Lockout-Tagout— 3,321 violations
6. Electrical, Wiring—3,079 violations
7. Ladders—3,072 violations
8. Powered Industrial Trucks—2,993 violations
9. Electrical, General—2,556 violations
10. Machine Guarding—2,364 violations

There is no greater priority than safety.



Factoid of the Month



A magnitude 5.8 earthquake shook the east coast on 8/23/11. The previous largest historical shock from the same seismic zone, estimated at a mere 4.8, occurred in 1875.