

The Conduit

Volume 10, Issue 1
January & February 2013

NEWS & VIEWS OF
ELECTRICAL INSTALLATIONS, INC.

FUN TIMES AT EI'S CHRISTMAS PARTY

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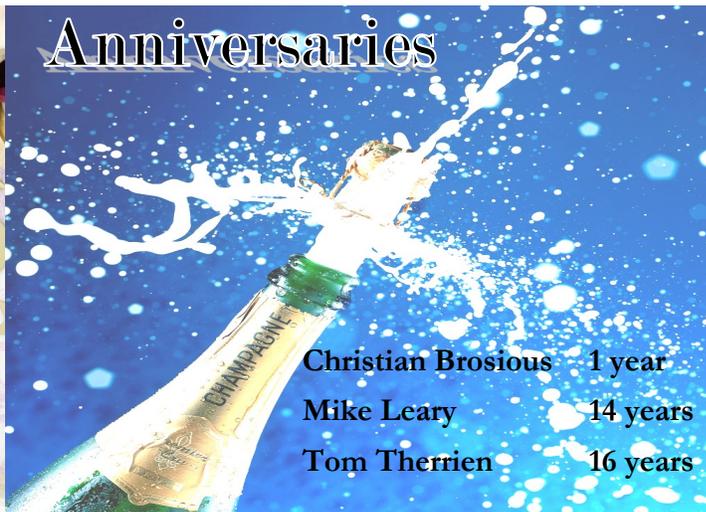


Happy
New
Year!

EMPLOYEE SPOTLIGHT



- 1/13 Wayne Wickens
- 1/18 Cory Glines
- 1/18 Christian Brosious
- 2/4 Tom Therrien
- 2/19 Sandra Ringelstein
- 2/19 Bryan Payne



Anniversaries

- Christian Brosious 1 year
- Mike Leary 14 years
- Tom Therrien 16 years

In the Spirit of the Season

Our 25th year marked many milestones and we are most thankful that Electrical Installations enjoys continued success despite challenging economic conditions. Our tradition of sharing our prosperity with those less fortunate has never seemed more important. Prior to Christmas, EI donated \$28,000 to 19 outreach-centered charities including The Salvation Army, St. Vincent de Paul, Cash-N-Cans, Meals on Wheels, Habitat for Humanity, David's House, New Horizons, Twin Rivers Interfaith Food Pantry, The Make-A-Wish Foundation of New Hampshire, Interlakes Community Caregivers, Central NH VNA & Hospice, Lakes Region Food Pantry, Dana Farber/The Jimmy Fund, and others. We share this information so that every member of the EI team can take pride in the fact that our combined efforts made Christmas brighter for many local families.



Factoid of the Month

 The world's largest snowman made was almost 114 feet tall and was made by the people of Bethel, Maine. It took 2 weeks to build, finally being completed on February 17, 1999. The snowman, nicknamed Angus, was so big that he had vehicle tires for his mouth and trees for arms.



Charlie's Quality Corner

LADDER SAFETY



Thanks to a recent OSHA inspection, we find that there are aspects of ladder safety that require review. OSHA regulations require that the top or the top step of a stepladder shall not be used as a step. Also, when portable ladders are used for access to an upper landing surface, the ladder side rails shall extend at least 3 feet above the upper landing surface to which the ladder is used to gain access; or, when such an extension is not possible because of the ladder's length, then the ladder shall be secured at its top to a rigid support that will not deflect, and a grasping device, such as a grabrail, shall be provided to assist employees in mounting and dismounting the ladder. In no case shall the extension be such that ladder deflection under a load would, by itself, cause the ladder to slip off its support. Please keep these important clarifications in mind before you reach for a stepladder!

Number of hours worked without a "Lost Time" Injury

65,596





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March & April 2013

NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.



State of New Hampshire Department of Environmental Services Wastewater Treatment Plant Ultraviolet Disinfection System, Plant Water and SCADA Improvements Franklin, NH



This ambitious 2-year project involves construction of a new 3,000 square foot UV Disinfection Facility including installation of new plant water pumping and effluent pumping systems, HVAC equipment and all associated piping, electrical, instrumentation and incidentals. Electrical Installations is responsible for completion of all electrical, instrumentation and SCADA work under a sizable subcontract from general contractor Penta Corporation. SCADA work has included replacement of all plant PLC's, new fiber optic

networking, new SCADA computers, software, and programming. Project Manager Jim Fritz encountered unexpected shutdowns, tight schedules, and other problematic challenges, all of which were overcome thanks to the extra efforts of everyone involved. As this project nears successful completion, we would like to thank Neil Davis, Bryan Payne, Jimmy Fritz, Dennis Lloyd, Mike Zompanti, and Sam Kelley-Vail for their exemplary efforts.



Congratulations to the newly-elected employee representatives of the 2013 Joint Loss Management Committee, Craig Sharpe and Jimmy Fritz. We look forward to our first committee meeting in March.





EMPLOYEE SPOTLIGHT

B
I
R
T
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D
A
Y
S



Eva Fritz 3/10

Brian Chevrette 4/30

Anniversaries

Matt Blood 9 Years

Tom Brosious 9 Years

Dennis Lloyd 4 Years

Jared Leary 3 Years

Zack Fritz 3 Years

Scott Clark 1 Year

UPCOMING PROJECTS

HAMPTON, NH-PS UPGRADE

PENTA CORPORATION

LITTLETON, MA-WTP

BARBATO CONSTRUCTION COMPANY

MILFORD, NH-WTP & WWTP UPGRADE

TOWN OF MILFORD

NASHUA, NH-WWTP UPGRADE

PENTA CORPORATION

NEW SHOREHAM, RI-WWTP SCADA UPGRADE

TOWN OF NEW SHOREHAM

NORTH CONWAY, NH-WWTP UPGRADE

APEX CONSTRUCTION

OLD ORCHARD BEACH, ME-WWTP UPGRADE

PENTA CORPORATION

ROCHESTER, NH-PRESS UPGRADES

ALBANY ENGINEERED COMPOSITES

TILTON, NH-WTP SCADA SYSTEM

TILTON & NORTHFIELD WATER

NEW SERVICE CONTRACTS

KITTERY, ME – NO. CHELMSFORD, MA – BELLOWS FALLS, VT – LINCOLN, ME – WEST WARWICK, RI – CHARLTON, MA – MILTON, NH – LUNENBURG, MA

Factoid of the Month



The world's first St. Patrick's Day parade occurred on March 17, 1762, in New York City, featuring Irish soldiers serving in the English military.



ANNUAL EMPLOYEE MEETING
FRIDAY MARCH 29
8 AM – 3 PM
Ridgewood Country Club

Number of hours worked without a "Lost Time" Injury

70,885



The Conduit

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May & June 2013

NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.



TEAM MEETING 2013

Electrical Installations' employees gathered at Ridgewood Country Club on March 29th for EI's Annual Employee Meeting. The morning was devoted to our #1 priority, safety, and began with a lively outdoor Fall Protection overview presented by Karl Bertleman of DBI SALA. We then moved inside for Confined Space Entry training conducted by Joe Ditzell of NH Bragg and, finally, a comprehensive review of OSHA topics presented by Kevin Rush.

Deb Titus of Human Capital Solutions began the afternoon by leading our group in an informative and enjoyable interactive presentation about "Commitment, Initiative and...Sticking Our Necks Out!" It was fascinating to hear individual stories of situations during which each of us chose to "stick our necks out" and go the extra mile. Deb's analysis of each individual's communication styles and tendencies was enlightening and quite entertaining. We gained insight about ourselves and our teammates and everyone learned the importance of taking initiative and "sticking our necks out".

Marking EI's 25th anniversary, a summary of EI's accomplishments over the past 25 years was presented as well as a review of the highlights of 2012. EI's strength and reputation continue to grow and we have always known that our greatest strength is our dedicated employees. Awards for Employee Service Milestones were presented to Sandra Ringelstein for 15 years of dedicated service and Kim Souza for 5 years of dedicated service. As always, the EI team thoroughly enjoyed our time together!





EMPLOYEE SPOTLIGHT

Anniversaries

CORY GLINES	8 YEARS
MIKE MERRILL	7 YEARS
RICK FRAME	7 YEARS
EVA FRITZ	7 YEARS
CASEY DAMON	6 YEARS
MICHELE NEAR	6 YEARS
SAM KELLEY-VAIL	1 YEAR



MAY 20-26, 2013

DRINKING WATER WEEK

GET TO KNOW YOUR H₂O

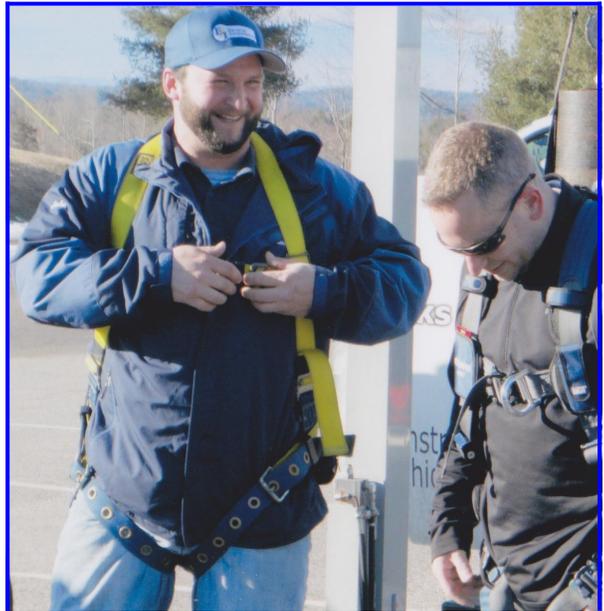
Drinking Water Week, May 20 - 26, 2013 is a public awareness campaign that promotes an appreciation of our water systems and the dedicated people behind them.

Look for Electrical Installations' ad in newspapers throughout Maine sponsoring this important campaign!

Factoid of the Month



The American flag was first authorized by Congress on June 14, 1777. The red is for valor, zeal and fervency; the white for hope, purity, cleanliness of life, and rectitude of conduct; the blue, the color of heaven, for reverence to God, loyalty, sincerity, justice and truth.



Jake Daku demonstrates the latest in fall protection harnesses with Karl Bertleman of DBI SALA.



Happy Mother's Day



The Conduit

Volume 10, Issue 4

July & August 2013

NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.



FEATURED PROJECT

Digester/Co-Generation Project

Lewiston-Auburn Water Pollution Authority
Lewiston, ME

Electrical Installations is completing all the instrumentation, controls, and programming for this \$18,000,000 project which is the first of its kind in northern New England. Simply stated, the project consists of new digesters, gas membrane storage tank, gas filtering and conditioning equipment, and two 250KW co-generation/heating units. The process consists of heating the sludge produced by the plant with waste heat generated by the co-generation units causing the heated sludge to produce methane (bio-gas) which is used as fuel in the co-generation units. The power produced reduces the facility's energy usage significantly. Pooper power!

EI's Moultonboro Panel Shop manufactured the project's two main control panels which utilize Allen-Bradley Control Logix PLC's. We also performed major SCADA upgrades and networking infrastructure. It has been a pleasure working with LAWPCA, a customer with whom we have an 18-year relationship, and with CDM-Smith Engineers and Methuen Construction, firms that we have worked with on many successful projects.

2ND ANNUAL TDK GOLF CLASSIC



Tournament Champs Ben, Jimmy and Andy Fritz, and Matt Blood

Last year's inaugural TDK Golf Classic was an extraordinary and memorable event for all involved. Created to honor the memory of Todd Keyser and to provide monetary support for Todd's children, the event surpassed all expectations. The second annual event was conducted with equal enthusiasm on June 7th and, once again, it was an unforgettable day. A dismal weather forecast and sporadic light rain did nothing to dampen the spirits and enthusiasm of golfers and volunteers alike. We gained a special appreciation of those in our industry as competing vendors and contractors came together for a special day of remembrance and fundraising. The day proved to be a wonderful celebra-

tion of the life of Todd Keyser, father of three young children, who lost his battle with cancer on March 11, 2012. Heartfelt thanks to all who made this event especially memorable.



EMPLOYEE SPOTLIGHT

Anniversaries

BRIAN CHEVRETTE	17 YEARS
DARLENE CHEVRETTE	17 YEARS
NEIL DAVIS	17 YEARS
JIMMY FRITZ	3 YEARS
MIKE ZOMPANTI	1 YEAR



Jimmy Fritz	7/1
Jake Daku	7/2
Darlene Chevrette	7/9
Craig Sharpe	7/9
Charlie Fritz	7/28
Andy Fritz	8/11
Zack Fritz	8/26

HAPPY BIRTHDAY



EI will be closed on Friday, July 5. We hope you have a wonderful, safe holiday weekend.



UPCOMING PROJECTS

- Ayer, MA - WTP & Pump Station Upgrade
Winston Builders Corp.
- Berwick, ME - Pump Station
Apex Construction, Inc.
- Dartmouth, MA - WPCF
Methuen Construction, Inc.
- Kingston, MA - WTP Upgrade
Barbato Construction, Inc.
- Mt. Desert, ME - WWTP Upgrade
Penta Corp.
- Plaistow, NH - Superfund Site
Weston Solutions, Inc.
- West Lebanon, NH - WWTP Upgrade
Penta Corp.

NEW SAFETY APPAREL

The newest addition to the EI wardrobe is a result of our commitment to safety. Reflective job site shirts are on order. Please contact the office if you are working on a project where there's a need for better visibility.



Factoid of the Month



The first Independence Day fireworks celebration was in 1776 and was memorialized by then future President John Adams as follows: "The day (Independence Day) will be the most memorable in the history of America. I am apt to believe that it will be celebrated by succeeding generations as the great anniversary festival...it ought to be solemnized with pomp and parade...bonfires and illuminations (fireworks) from one end of this continent to the other, from this day forward forevermore."



Number of hours worked without a "Lost Time" Injury

81,194



The Conduit

Volume 10, Issue 5
September & October 2013

NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.



20+ Years of UL Excellence

One of the most insightful decisions made during Electrical Installations' early development was the pursuit of the highly technical field of instrumentation and controls. A critical component of this new specialty required establishing our firm as a reputable manufacturer of industrial control panels. Consequently, we set our sights on attaining the UL mark, the most prestigious certification of safety testing. Underwriters Laboratories Inc. (UL) is the largest and oldest nationally recognized testing laboratory in the United States and has been testing products for public safety for more than a century. UL engineers and technical support personnel examine how products are constructed, conduct tests, evaluate results, and develop safety standards for products. Electrical Installations underwent UL's rigorous evaluation process and, in December 1992, was determined to be eligible for UL Listing and Follow-Up Service.

For more than twenty years we have enjoyed a mutually beneficial relationship with UL project engineers who visit our panel shop quarterly ensuring continued compliance with UL's strict standards. To date, the UL Mark has appeared on 2,432 industrial control panels manufactured by Electrical Installations, Inc. In order to better accommodate increasing panel production, we recently found it necessary to renovate and expand our panel shop facility. Currently, 22 industrial control panels are in production with many more still in the design stage.

In the last six years, Matt Blood and Casey Damon have worked as a team producing more than 1,000 UL Listed Control Panels. They have maintained a consistent level of quality and professionalism while keeping pace with our increasing project volume. Thank you Matt and Casey for your dedication, hard work, and commitment to excellence!



HAPPY BIRTHDAY EI!

October 5th is just around the corner and it is hard to believe that Electrical Installations will celebrate its 26th year. With continued strong sales and an extremely healthy project backlog, we have nothing but optimism for the future. Our success strategy remains unchanged: maintain an amazing team of talented, dedicated employees. We are thankful for each and every one of you!





EMPLOYEE SPOTLIGHT



Anniversaries

Jim Fritz	26 Years
Chuck Fritz	26 Years
Charlie Fritz	26 Years
Darlene Fritz	26 Years
Jake Daku	19 Years
Bryan Payne	7 Years
Kim Souza	5 Years

HAPPY BIRTHDAY

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

Number of hours worked without a "Lost Time" Injury

87,015

WELCOME NEW EMPLOYEES

Jason Sand—Jason is a Journeyman Electrician from Nashua, NH, and he will have a short commute to our Nashua WWTF project. Jason enjoys spending time at home with his family and also enjoys going to the lake on weekends.

Andy Fritz—Following his graduation from UNH, Andy has re-joined the EI team in pursuit of his Journeyman Electrician's license. Having worked as an apprentice during several summers with EI, Andy will complete his apprenticeship under the able direction of Neil Davis. We are very pleased to welcome Andy back as a permanent full-time employee.

Ben Fritz—Having spent many summers at EI, Ben recently joined the EI staff in a full-time capacity. He created and maintains a project database and is assisting with AutoCAD design, IT issues, purchasing, and other responsibilities. Ben is quickly "learning the ropes" and is a most welcome addition to the EI staff.

Factoid of the Month



Trick-or-treating evolved from the ancient Celtic tradition of putting out treats and food to placate spirits who roamed the streets at Samhain, a sacred festival that marked the end of the Celtic calendar year.



SCHOOL IS BACK

Be alert for school children while driving.





FEATURED PROJECT Beede Waste Oil Superfund Site Plaistow, NH

The Beede Waste Oil Site is the former location of a state-licensed and regulated oil recycling and disposal facility operating since the 1920s. The State of New Hampshire ordered the site's closure in 1994 and, as a result of soil and groundwater contamination, the United States Environmental Protection Agency (EPA) declared the facility a "Superfund Site". The current project is the result of EPA's cleanup plan for the site which includes groundwater extraction and treatment, treatment of deeper soils, and excavation and off-site disposal of shallow soils and sediments. A consortium of twelve unaffiliated companies, referred to as the Beede Site Group, agreed to implement the EPA cleanup plan. These parties had been customers of the former operators and paid to have waste oil recycled or petroleum-contaminated soils handled at the state-licensed Beede facility. Understandably, the Beede Site Group has implemented especially stringent safety requirements for all involved in this project.



View of tanks on site prior to the EPA Removal Action



A view of one of the soil piles. The Beede Waste Oil Superfund Site has 17 piles of petroleum-contaminated soil totaling about 20,000 cubic yards



New treatment building

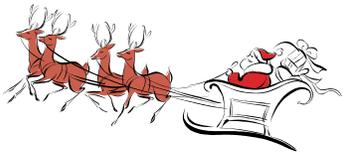


Tom Brosious works on level switches for the new concentration tank.

Under a large contract with Weston Solutions, Inc., EI is completing all electrical work as well as instrumentation, controls and integration for this unique water treatment application. Our long-standing relationship with Weston Solutions has involved participation in other superfund site projects as well as water reuse projects at auto auction sites in Pennsylvania and Georgia.

This challenging project has progressed smoothly, on schedule, thanks to the supervisory efforts of Tom Brosious. Chris Brosious has worked beside Tom during the entire project with Mike Zompanti joining the project team six weeks ago. This small crew literally went the extra mile and we are most appreciative of their





EMPLOYEE SPOTLIGHT



11/2	Mike Leary
11/3	Dennis Lloyd
11/9	Neil Davis
11/13	Mike Merrill
11/14	Tom Brosious
11/26	Sam Kelley-Vail
12/20	Kim Souza



Anniversaries

Sandra Ringelstein 15 Years
 Craig Sharpe 4 Years

Factoid of the Month



Christmas wasn't declared an official holiday in the United States until June 26, 1870.^c



Number of hours worked without a "Lost Time" Injury



98,939

LAWPCA Project Ribbon Cutting

9/9/2013, local dignitaries and representatives from CDM-Smith, Methuen Construction, and the Lewiston-Auburn Water Pollution Control Authority gather for a ribbon cutting ceremony as the Anaerobic Digestion and Energy Recovery Facilities Project is officially commissioned. As noted in the July/August issue of *The Conduit*, EI played a significant role in this revolutionary project, having completed all instrumentation, controls and programming.




EI CHRISTMAS PARTY

Saturday, December 14, 2013
 6:00 PM – 9:00 PM

Note Change of Location
 Lemon Grass (Our previous building)
 64 Whittier Hwy. (Route 25)
 Moultonboro, NH
 RSVP 603-253-4525



Who is that masked man? Our very own Neil Davis- properly protected to work on an MCC.

