



North Vancouver JRI Grain Terminal Project:

Total Value: \$2.8 million. Crews have worked 16,000 hours in 111 weeks without a time loss injury! [READ NOW](#) · page 3

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What our clients say about us!

President's Message

Our future depends on our culture of safety - every day.

Safety, the meaning: We understand how it impacts our daily lives with car seats, speed limits, smoke detectors, deep end of the pool, sirens...the list goes on and on.

Safety, the impact: Death, dismemberment, pain, suffering... the list goes on forever.

Safety, living it: Looking both ways, checking temperatures, knowing the thickness of the ice, buckling your seat belt, following directions on a prescription... and the list goes on forever.

Staying safe is ingrained into our lives, thrust into our psyche on the six o'clock news. And sometimes it hits us hard personally, leaving us, or someone we know injured, or worse.

We need to bring the company to that place where the meaning, the impact and the living of safety becomes our culture from a new hire to a seasoned veteran. We are good at the best of times but we need to be great all the time.

As we move towards 2016 the topic, the issues and the awareness of safety are going to be front and centre in how we move into the future. Our future depends on how we manage Mott Electric's culture of safety every day.

Over the next few months there is going to be an escalation of communication, both written and verbal to all employees stressing the importance of the future. I urge everyone to read, listen and understand why we have increased the emphasis on safety and long-term employment opportunities.

It will not be a giant leap but many small steps that will forge our path to this mutually beneficial environment. I look forward to that journey with all of you. Stay tuned.

Danny Mott

MANAGER'S CORNER:

Dan Ternoway, Burnaby Service Division

The Mott Burnaby Service Division works with a variety of clients from homeowners to commercial retail and industrial property owners and managers.

In recent months projects have included Douglas College Main Equipment Room, CB Supplies/Vanguard Pipe, Gescan Warehouse, Starbucks Coffee locations and the ongoing Port Mann Water Main.

Service Department Project Manager / Estimator Brian McNeil has been working as a General Contractor on the new Douglas College New Westminster Main Server Equipment Room upgrade that will reach the \$1 Million level. McNeil said, "Considering the electrical portion is quite small in comparison to the project value, being a general contractor has definitely kept our site super Dave Dinnell and myself busy. We have a compressed, 22 week schedule that doesn't leave much room for error." He said, "The project is a complete upgrade to the existing server room at the college including an all new mechanical, electrical, fire alarm upgrade, new interior walls complete with new mechanical shaft to the existing roof top, new raised floor system and all new voice data requirements to link the existing voice data closets. So far it has been a very eye opening experience into the work that general contractors do. I have thoroughly enjoyed this project as it is a change from the day to day work we do in the service department."

Division Manager Dan Ternoway said, "Brian McNeil has done a great job negotiating with sub-contractors, understanding and clarifying

"Over the years I have been privileged to run different kinds of projects. General Contracting the Douglas College Main Equipment Room project is no exception. There was some uncertainty with some of the trades having an electric contractor serve as the G.C. on this job.

They soon realized that we are more than qualified for this role. I have always said electricians make the best supers. We are the first trade on the site and last to leave."

Foreman, David Dinnell

what the design drawings really mean - and not what our subcontractors think they mean." He adds, "Foreman Dave Dinnell has gone out of his way to find alternate solutions to keep the job moving forward and finding cost saving solutions."

The CB Supplies/Vanguard Pipe project started on September 8, 2015. The customer is consolidating 2 small plastic pipe plants into one large 120,000 square foot plant and warehouse in the Campbell Heights area of Surrey.

Project Manager Murray Davisson said, "This is a difficult design build, incorporating existing and new equipment. When originally approached for pricing, it was quickly determined that only a time and material budget was going to work. The customer agreed and requested Jon Smith as the foreman. Jon and the crew of Gabriel, Rob, Stephanie, Eric and Mathew have been working

extra hours to keep pace with the compressed schedule, owner requests and changes. The budget has ballooned from \$170,000 to \$230,000 and the customer is very pleased with the progress."

The Gescan Project was faced with delays because the general contractor denied access to the site when they changed the scope of the work. Ternoway said, "Scheduling our work to stay on track was a challenge. However, we managed a very smooth transition from Jon Smith to Ben McCartney to Richard Barkess." Project Manager Murray Davisson orchestrated all that. "Ben McCartney was picked to fill in for Jon Smith, who started the project. Jon was 3 weeks into it when the General Contractor walked in one morning and ordered everyone off of the floor. The slab on grade testing had shown that the fill underneath had compressed and the slab was floating. The project was shut down for over a month while repairs were made. Ben took over and went in blind." Davisson adds, "But because of a death in his family, Ben had to leave. Luckily we were able to get Steve O'Gorman back. Steve kept the crew of 2 ahead of the racking installation. Despite the shut down, many surprises and damage during the demo, our crew has all done a great job, and is on schedule."

Ternoway said, "As we move into the fall and winter months, I can only see us getting busier. There are many opportunities and a wide variety of experiences to increase our skills and customer profile."

North Vancouver JRI Grain Terminal Project

Richardson International Limited is Canada's largest agribusiness and has served farmers for more than 150 years.

Known as one of the most efficient port terminal facilities in the world, Richardson's North Vancouver Terminal facility currently handles approximately 3 million metric tonnes (MMT) of grain and oilseeds each year and is a major exporter to countries along the Pacific Rim. The terminal is currently operating at maximum capacity and with demand increasing to 5 MMT, Richardson is adding new storage capacity with a new facility. This will take 2 years and Mott Electric has been awarded a number of projects as the terminal grows.

Project Manager Marty Trytko points out, "The overall value of the projects is \$2.8 million. The crew has worked 16,000 hours in 111 weeks in a hazardous industrial area without a single lost time injury."

JRI Terminal Projects:

01-B0590 Richardson Annex 3 Grounding

Scope: Grounding of the new Annex 3 addition to the east of the existing building
PM: Marty Trytko Foreman: Glen Bzowy
Dates: December 2013 to April 2014
Target Finish: on time
Manpower: 22

01-B0597 Richardson Fiber Optic Upgrade

Scope: Installation of the fiber optic backbone for the entire existing plant
PM: Marty Trytko Foreman: Glen Bzowy
Dates: April 2014 to October 2014
Target Finish: on time
Manpower: 17

01-B0614 Richardson Annex 3 Fire Alarm Installations

Scope: Install a new fire alarm system in the new Annex 3 building
PM: Marty Trytko Foreman: Glen Bzowy
Dates: April 2015 to October 2015
Target Finish: on time
Manpower: 20

01-B0617 Richardson MVSG Replacement

Scope: Replacement of all 12kv switchgear for the existing plant
PM: Marty Trytko Foreman: Glen Bzowy
Dates: February 3 to February 13, 2015
Target Finish: February 13, 2015
Manpower: 27

01-B7121 Richardson Small Projects

Scope: Various small projects for Richardson International and FWS
PM: Marty Trytko Foreman: Glen Bzowy
Dates: ongoing
Target Finish: ongoing
Manpower: 14



01-B7128 Richardson WH Upgrades

Scope: Replacement of existing Work House instrumentation throughout the plant
PM: Marty Trytko and Wesley Heldsinger Foreman: Glen Bzowy
Dates: June 2015 Current
Target Finish: On schedule. (Original contract is end of November 2015 looking to be extended with possible release of further work.)
Manpower: 35

01-B7141 Richardson Fire Repair

Scope: Repair of fire damaged pellet plant
PM: Marty Trytko and Wesley Heldsinger Foreman: Glen Bzowy
Dates: Sept 2015 Current
Target Finish: End of November
Manpower: 29

01-B7144 Richardson LR560 Installation

Scope: Replacement of Bin Level transmitters throughout the old plant
PM: Marty Trytko and Wesley Heldsinger Foreman: Glen Bzowy
Dates: August 2015 Current
Target Finish: End of November
Manpower: 7

Trytko said, "Roughly one third of our work is done on shutdown or overtime hours and this makes it difficult to get the work done with safety and quality. The level of planning that goes into these big shutdowns is very high and a lot of details need to be reviewed."

"The entire crew has done such a great job and it would be hard to single out any team member," said Trytko. "The only way we are able to get this work done with safety, quality and speed is to make sure we have the crew working together as a team. I would like to commend the whole crew for their efforts."

Looking ahead Trytko said, "We are continually asked to provide quotations for Richardson because of their confidence in us. On almost all of the projects, we have come under on our man-hours and the allotted calendar time - including the tasks during the shutdown periods. The continual flow of work is evidence that the customer is happy with our work."

Trytko adds, "I wanted to make mention of the safety record that the Richardson crew has achieved. There was one lost time incident in September 2013 but since then there has not been a single lost time incident. The crew has worked in a hazardous industrial area for over 2 years, without a single lost-time injury."



Safety First!

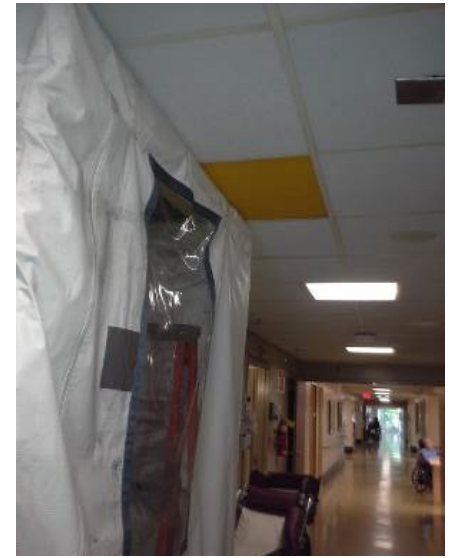
Perry Harvey, Health and Safety Coordinator

Infection Control in Health Care Facilities

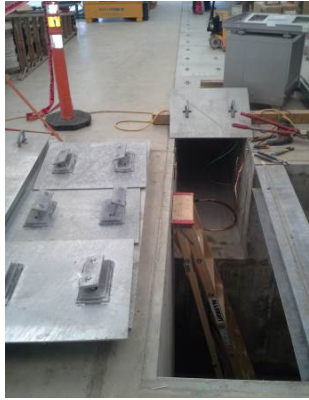
When using infection control cubes in health care facilities, it's difficult to get an effective seal where the cube butts up against the T-bar ceiling when tiles are removed for access.

A solution is to purchase a sheet of corrugated plastic and cut it to size so it fits into the T-bar ceiling to cover the void making sufficient contact with the cube. This seal will allow a proper pressure differential when the negative pressure HEPA device is in operation.

Foreman Dave Dinnell who has been nominated for the 2015 Dino Barazza Innovation Award created this solution.



Yellow Corrugated Sheet is cut to size to get a proper seal with the Infection Control Kube



8-foot deep pit trip hazard

Severe Trip & Fall Hazard into a Pit

As we can see in the photo to the left, there is a trip hazard near an open 8-foot deep pit. (Pit covers, tools, extension cord, and 4x4) The I-beam and the depth of the pit increase the severity of injury and could be life threatening.

To prevent a worker from tripping and falling into a pit or trench, you must consider the hierarchy of controls for fall protection. This starts with first considering the installation of temporary guardrails. If that isn't practical then consider fall restraint. If that isn't practical then fall arrest and if that isn't practical consider other WorkSafeBC acceptable procedures.



Silica dust control when drilling concrete

Drilling into concrete releases a fine sandy dust, which contains crystalline silica. Breathing in this dust can cause a serious lung disease called silicosis. Electricians, plumbers, sprinkler installers, and other mechanical trades who regularly and routinely drill into concrete are at risk of developing this disease.

Controlling the dust

Hammer drills are available with attached dust removal systems. These draw dust from the drill end, down the attachment assembly, and collect it in a HEPA filter.

Dust caps are simple but effective devices that fit on the end of the drill and capture and collect concrete dust. When the cap is full, the dust is emptied into a receptacle for disposal.

Placing the hose from a HEPA equipped vacuum near the location of the drill is also a very effective means of capturing the dust.

Wet control methods are also an effective means to reduce dust while drilling.

To protect yourself, you should:

- Establish a barrier around your work to restrict unprotected workers from entering the area.
- Select drills equipped with dust capture/removal attachments when available.
- Learn how to operate and maintain the dust removal devices in accordance with the manufacturers' instructions.
- Inspect the dust control devices before use to ensure they are in good condition.



Drilling using a dust cap



Drill with dust removal system



- Clean the attachments on a routine basis to maintain effective dust control and prolong the life of the components.
- Wear a half-face respirator equipped with 100 series (HEPA) filters when using a dust removal system or cap system.
- Wear a full-face respirator equipped with a 100 series (HEPA) filter and disposable coveralls when drilling many holes, and dust controls are not available or practical.
- Use a vacuum approved for concrete dust to clean up any spilled dust on your clothes, equipment, or other surfaces. Do not use compressed air to blow dust off your clothing, equipment, or tools.

Protect Yourself! Receive an annual respirator fit test before using a half-face or full-face respirator. Contact Perry Harvey for more information.

Recently Awarded Projects

Broadway / Commercial Station Upgrade

One of the busiest transit stations on the Expo Line is being upgraded and expanded. Mott has been contracted to complete the electrical upgrades on this logistically challenging project.

Vancouver House

An architecturally unique building that is going to be the showpiece for the southern approach into the downtown core. The twisting lines of the 515-foot building will be a first for the Vancouver skyline.



Blood Alley

This project in the Gastown area of Vancouver is a mixture of Low Income and Market Rental Housing. There is also a commercial component to this project which is being developed by Westbank Properties.

James Richardson International (JRI) Grain Terminals Upgrade

See article in this newsletter, [page 3](#).

TELUS, Kelowna

Several hundred additional units are being installed for the TELUS Falcon project.

Hamilton Call Centre

BC Hydro is building a Call Centre in the Yaletown area of Vancouver.

Mark your Calendars!

Our 2015 Day of Giving is Friday, December 4th

Since 1997, all employees from each division of Mott Electric and 4th Utility participate in our Day of Giving.

Employees donate one hour of pay or more and that is matched by the company. Some employees donate as much as a day or two of pay. The company then adds the dollar amount of the tax effect of each donation. The total raised is given to local families and charities as decided by our Charitable Committee.

Our 2014 Day of Giving raised \$97,697 and since 1997 we have donated \$568,363!

Plan to contribute to this year's Day of Giving on December 4, 2015!

Quotable Quotes:

"We judge ourselves by our intentions but others judge us by our actions."

"Average people are afraid of looking stupid. This is what holds them back. It is only by attempting the ridiculous that you accomplish the miraculous."

"A man can get discouraged many times, but he is not a failure until he begins to blame somebody else and stops trying."

The 2015 Dino Barazza Innovation & Safety Hero Awards

Deadline for Nominations is December 11th, 2015

1. The Dino Barazza Innovation Award



Dino Barazza was an inspirational personality and contributed with his innovation, mentoring, and love of people and the craft.

In memory of Dino and his constant quest for innovation, efficiency, and improvement, Mott Electric is proud to sponsor the 3rd annual *Dino Barazza Innovation Award*. The award will be available to any Mott Electric employee who develops an innovative and unique way for the company to improve:

- safety
- efficiency
- productivity
- quality
- management systems

The selection of the top prize will consider how diverse the innovation is for use on more than one project with a combination of the unique aspects above. Individuals may submit their ideas to the General Manager or be nominated by co-workers. The winner will receive an award of \$2,000. There will be runner-up awards of \$500, \$300, and \$200.

We are hopeful that this initiative will help us continue to improve the company and our industry in Dino's memory.

2. Safety Hero Award

A *Safety Hero* is someone who displays the courage to intervene with the purpose of preventing a potentially hazardous situation. This can be described as reacting to a situation that is immediately dangerous to life or health. For example, if an employee knew that asbestos containing material was being disturbed during work and did everything in their power to stop work and/or evacuate personnel from the area in the attempt to prevent a highly harmful exposure, that employee would be nominated as a safety hero. The situation will need to be reported to the Project Manager and the Occupational Health and Safety Specialist for review and nomination.

Once a year, Management will select the top rated Safety Hero. The winner will receive an award of \$1,500.

Please submit your nominations before December 11, 2015 to Graham Trafford, General Manager, Mott Electric GP.

The winners will be announced on December 24th at the Mott Electric Christmas Party.

We Keep Good Companies!

Here are some client comments we have received about our people and projects:

“Very professional and easy to deal with...”

To Mott Electric,

Jon Smith completed the installation of the 3 new heaters and thermostats today. Jon was very professional and easy to deal with during this installation, please pass on my comments to his Supervisor.

Don Bremner,
Station Hill Court Burnaby

“Everything went smoothly...”

Hi Dan – Just wanted to let your know that Kyle and Graham did a great job and everything went smoothly up here. Thanks very much for your help on this and send the invoice to my email at your convenience and I will approve and forward to accounting. I'll be sure to give you a call in the future if we require any further help. The boys have a lift ticket voucher for you so make sure they give it to you! Lol... Cheers.

Steve Williamson,
Director of Operations



“You have contributed a lot...”

To: Dave Carson

I want to acknowledge your contribution to the run-up to our Mesh Antenna rollout program, through your participation in the pilot at Kalyk Ave.

- You were the first one out of the gate to be ready to run through our new processes and forms.
- You got materials in hand before any other contractor.
- You explained the installation process very clearly and were very helpful when you and I went to the site for the pre-inspection and then the installation

You have contributed a lot to our improved documentation and our processes to get us ready for the full program rollout. I appreciate working together like this.

Ken Lalonde, P.Eng.
FAN Eng. Team Lead
BC Hydro



“Dedicated, collaborative and set high goals...”

Your team lead by Fred Herrmann did a tremendous job in completing this project in such a tight time frame. They are dedicated, collaborative and set high goals for themselves, for which they attain. Hats off to them for a job well done, they are true PROFESSIONALS!!!!!!!!!!!!!! Again, another great all round job, Fred, Dave, Max, Mike, Corey and the Mott team are a pleasure to work with.

Terry Leonard,
Douglas College



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