

Mott Electric GP

WATTS NEW

ISSUE 13 · Spring 2017



MOTT ELECTRIC GP



President's Message

Our strength is our productivity while maintaining quality installations...

The great news is the Lower Mainland economy is booming, thanks in part to the super octane housing market. Unfortunately, with the resource industry in a state of flux many other areas are not doing as well.

The IBEW 213 enjoys a record number of employed members. The challenge is that less than one in three electrical workers are members and employed by companies such as Mott Electric GP. The industry has grown by 300% over the past fifteen years yet we still only account for 30% of that market.

In reality, the difference in the cost per employee of approximately 25% or \$12-\$15 per hour is a challenge. The offset of this is the skill level of our workforce. While this view can always be debated, I consider it the truth.

On May 1, 2017, wages will increase and then again in October. Unfortunately, the non-union companies are as competitive amongst themselves as with us. They will not increase their wages just because we did, even though cost of almost everything continues to rise.

The only tools and strengths we have to remain competitive is for all of our employees, including management, to seek out better methods of achieving increased productivity while maintaining quality installations.

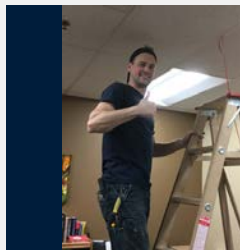
As we have outlined in our Mott Electric GP Core Values (see page 6) we pride ourselves in our work. Whether it means employees are best prepared as possible each day, ensuring tasks are done correctly, teaching and mentoring both the craft and the individual, or, and don't take this wrong, a little more push from each of us during the day to maximize the hours spent on the job.

I would be remiss if I did not elaborate on the positive, (right Mr. Bertelli?) one of the reasons we are still in business today is due to all of the energized and hard working women and men who give 110% every day.

We can only continue to increase monetary packages by increasing our productivity or we risk our survival as a unionized sector. Of the original sixteen trades that once dominated the construction sector, we are the only one with over 20% market share. Today, ten of those sixteen are insignificant in the big picture.

So it is with optimism of a good economic future for all of us in British Columbia that we look forward to coming years (and hopefully a little sunshine!)

Cheers,
Danny Mott



ON THE JOB:

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Maple Ridge Senior Secondary School, YVR Tank Farm, Southgate Homes, West Vancouver Transit Center Generator project



MOTT'S CORE VALUES:

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Who we are and what we believe

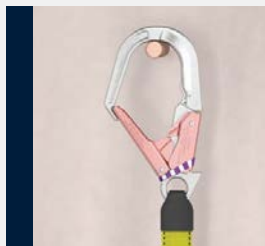


MOTT ELECTRIC GP

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What our clients say about us!

Manager's Corner:

Graham Trafford, General Manager

We received a lot of feedback from our last newsletter regarding years of service for our employees. It has been a critical factor in the success of the company and a testament to the efforts of everyone. We are continually looking to build on the strength of our team and develop the next generation of leaders. So from that end I hope that everyone can proudly talk about how they are a member of the Mott team and hope to be so for many years to come.

The estimating teams in all divisions are working hard to secure continual work. There seems to be lots of opportunities and we are looking at a wide range of projects to try to land some interesting and viable work.

Innovation has always been the backbone of Mott Electric's success and I would like to remind all of you about the Dino Barraza Innovation Award. This is open to everyone in the company and submissions are accepted year round. If you or someone else you know within the company has come up with an idea, process, or tool enhancement please submit those ideas to me. All of the submissions will be presented to the awards committee for review with the winner being announced in December.

As we enter the second century of the Workers Compensation System in BC, I would like to remind you that safety is the responsibility of everyone who works at Mott. A lot has changed in the workplace since 1917. However, on the other hand some things haven't. Last year saw 144 workplace related fatalities and numerous life altering injuries. We encourage all of you to be a safety leader, take that extra second to be aware of your surroundings and to have the right tool for the job. The time and effort that we invest in safety will not be effective unless everyone is on the same page. So do the right thing and be a safety leader.

Howard Smith, Tenant Services Manager, Downtown Vancouver

The Vancouver Sun (Postmedia) is downsizing from their waterfront location at 200 Granville to the Broadway Tech Centre. Project Manager Gord Denham and site foreman James Kennedy started work in March. The job includes a full tenant fit-out with remote generator connection and is scheduled for completion in May.



Project Manager Grace Kao is just wrapping up 4 floors for Intel at **Marine Gateway** with foreman Sean Cowen and a crew of 16.

Cologix Phase 3: Cologix operates 24 data centres across 9 North American markets offering network neutral data centre colocation and interconnection services for hundreds of clients. Project Manager Kevin Selesky and foreman Rick Corness are spearheading installation of a third 750KW generator to Cologix's location in downtown Vancouver. The project will take 4 months.

The Heatley Integrated Health Care Centre is one of three new clinics opened by Vancouver Coastal Health with the support of Health Canada. The centre at 330 Heatley, Vancouver is open 12 hours a day as a supervised safe injection site and full-care facility. Project Manager Mike Wood and foreman Shawn Newcombe are working on the centre doing a complete retrofit from building shell. Work will continue until June 2017.

Division 9:

Elisha Mott, Manager

Division 9 continues to be one of the premier contractors working on the TELUS Project Falcon, a \$1 Billion infrastructure project in BC.

We had an outstanding finish to 2016 and completed over 630 buildings across the province totaling 15,000 units. To put that in perspective, we had 150 different employees interact with thousands of unique customers. With each contact, we were able to extend our brand and Mott professionalism to a population we have never had the opportunity to reach.

In the first quarter of 2017 we have been working in Abbotsford and all over Vancouver, completing 4,000 units in 190 buildings, in just 3 months!

As the division waxes and wanes, we continue to be an incubator for young talent from IBEW Local 213, working within the most contemporary field of the electrical trade. New Employees include but are not limited to: Kyle Brown, a youthful electrical engineer assisting cross functionally across the division. And welcome to newly appointed foremen Kyle Evans and Cole Unger.

TELUS Project Falcon now represents approximately 50% of their capital spending and they are predicting that the project will continue for another 3 to 4 years. The division is investigating the expansion of service and maintenance work as the infrastructure of the fiber network develops a legacy. With a continued focus on quality and customer services, we hope to be a part of this project as it envelops the province.

Burnaby Service Division:

Dan Ternoway, Burnaby Service Division Manager



Vancouver International Airport Tank Farm

Project Manager - Dan Ternoway
Site Foreman - Kyle Steel / Jon Smith /
Ben McCartney

Following in the foots steps of Floyd Friend and John Clark, our new generation of service techs have learned - and greatly appreciate - the value of maintaining site drawings and records of repairs. The site manuals and log books that John & Floyd created have made our ongoing work at YVR seamless for a customer with high expectations for absolutely zero service interruptions.

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Langara College TI (Tenant Improvements)

Exterior Lighting projects

Project Manager - Murray Davison

Site Foreman - Brent McGuire

Brent's trouble-shooting skills were a big help for our customer during the Exterior Lighting LED project at Langara College. What was initially thought to be several issues with the new fixtures turned out to be some simple repairs to underground wiring. Our diagnosis of the problem had the project fixed quicker, saving our customer a considerable amount of money.

West Vancouver Transit Centre and Capilano University Generator Projects

Project Manager – Brian McNeill

Site Foreman – Jonathan Smith

Shutdowns were necessary every weekend in March to meet the completion date. Again, we had outstanding work by Jon and our crewmembers to stay on track and meet our customer's deadlines.



Starbucks

Project Manager - Dan Ternoway

Site Foreman - Julie Bilesky / Hank Rensmaag /

Shane Mortimer

Starbucks customers expect no delays and our service techs deliver non-stop, 24/7 service to keep the coffee flowing. Our team makes sure that we maintain the high level of service that Starbucks and their customers expect.

Southgate / Summit Logistics

Project Manager - Dan Ternoway

Site Foreman - Kyle Steel

What was thought to be a straightforward job relocating existing 12 KV cabinets and transformers turned out to be a bit of a challenge when the original CSA labels on the equipment were no longer legible. After many meetings with inspectors, CSA and engineers we finally achieved the okay from the City of Burnaby to energize.



Maple Ridge Senior Secondary

Project Manager - Murray Davison

Site Foreman - Al Werbowski

Scheduling and access to various areas of a large high school had AI and his crew hopping. MRSS has day and night classes so scheduling adjustments were necessary from day shift to night shift to limit disruptions for the students.

MTI and Division 8:

Peter Kuyvenhoven, Manager

Recent Projects Completed:



TELUS YVR: After successfully pre-staging the racks here at the shop, we were awarded the installation of all 24 sectors at The Vancouver International Airport. The project has just completed. Our crew did a great job of working through various issues and changes.

Three rush jobs before Christmas: To meet target deadlines, before year end, TELUS challenged us to complete projects in Terrace, Mount Baldy Ski Resort and on Highway #1 in West Vancouver. A TELUS site in Terrace, BC was constructed using an aerial lift despite very cold temperatures in December 2016.

Baldy Mountain Ski Resort is located in the southern Okanagan, just north of Washington state. Blowing wind, stuck trucks, and a huge dump of snow could not keep our crew from getting the first cell site built on the mountain and on the air before opening day. The project took 9 days and I think it set the record for fastest permanent cell site deployment.

West Van Highway #1 coverage: A Senior TELUS Executive kept having call issues on his drive along Highway #1, so we dispatched our crews to have it fixed before Christmas. The Ministry of Highways canceled work because of road closures on numerous days, but we still completed on time. The site was turned up and on air before the holiday break.

Ecomm-911 West Van: Our Division received excellent feedback on our work from the building owner and project engineers. As always, our team showed professionalism on all levels. The client said, "This is how this kind of work should be done."

Projects Underway

Parq Casino/Rogers In - Building Coverage. The project, located in Vancouver between Gastown and Yaletown, kept our crew on tight timelines trying to stay ahead of building trades for cabling and antenna installation. We are on track and meeting Rogers' high installation standards. Completion target is end of May 2017.

TELUS In Building Projects:

Telecommunications Worker's Union Building and Health Science

Association of BC Building: Both projects were completed on March 31, 2017.

British Properties Estate: We installed the original in-building system a few years ago and because of our professionalism and top-notch quality we were contracted to do the add-on. A building renovation and expansion went smoothly and was completed on April 6, 2017 without any major disruption to the owner.

City of Vancouver "Stealth Cell Sites": Unless you know what they are, you would never know they existed... We completed the first of these on a light standard at the corner of W 16th Ave and Blanca. The antennas are mounted on the light standards but behind fiberglass shrouding. All other equipment is in roadside kiosks that are covered in decorative vinyl wrap that look like traffic control boxes. Construction is underway at our second stealth-site in this neighbourhood.

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Manager's Corner

(Continued)

Looking ahead



Our Division is receiving more and more **TELUS** call-outs because our team does a terrific job of fixing problems the first time. No-call backs are resulting in more work.



Vancouver General Hospital:

This will be a huge in-building project for TELUS. We are very competitive on this type of job and will be looking forward to submitting a quote for VGH.

700MHz Band additions: Work is available throughout the province and competition is tight, but we are doing our best to earn our share.

PHOTOS: ON THE JOB



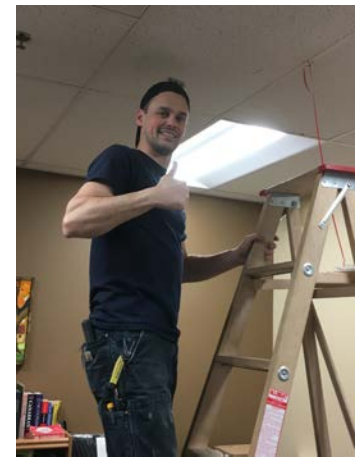
Alex Kasljevič stepping it up at Maple Ridge Senior Secondary School.



AI Werbowski, foreman, at Maple Ridge Senior Secondary School, getting ready for another night shift.



Scott Ligertwood keeping his thumb on the pulse of LED upgrades at Maple Ridge Senior Secondary School.



Jason Margarit enjoying a change of pace from his usual work on MTI cell towers - at Maple Ridge Senior Secondary School.



Gimel Franco lighting things up for the kids at Maple Ridge Senior Secondary School.



Kyle Steel and his "preferred" parking at YVR tank farm.

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PHOTOS: ON THE JOB *(Continued)*



Keeping the fuel flowing making sure all eight out-bound pumps are in good working order at YVR.



Just behind our old office, Southgate homes "temp" power rough in.



Despite rain, sleet or even a few inches of snow, the crew at Southgate still managed to complete all the HV terminations without a hitch.



West Vancouver Transit Center Generator project, Joel Logan and Leonard Deza completing final terminations.



West Vancouver Transit Center Generator project, Chad McCormick and Leonard Deza making space where they can for new ATS & panels.

The Women in Infrastructure Network nominates Elisha Mott

Division 9 Manager Elisha Mott has been recognized as one of the nominees for the [WIN 2017 Awards](#). The Women in Infrastructure Network is an organization that recognizes a diverse group of women across the entire spectrum of the infrastructure industry including: legal, financial, engineering and construction fields. Thanks to the hard work of Division 9 employees – nearly 40% of Mott’s overall workforce – Elisha’s management efforts were awarded for growing a division from 3 to 150 people in just over 2 years.

Congratulations Elisha for being recognized as one of the Top 5 Women in Canada!

Who’s New?

Welcome new employees!

Burnaby Office (Division 1):

- Matt Dearle,
Estimator / Project Manager
- Justin Earley,
Estimator / Project Manager (returned from sabbatical)

Vancouver Office (Division 4):

- Randy Wilson,
Estimator / Project Manager - Downtown Services Division

Quotable Quotes:

“You can do anything, but not everything.”

“Life truly begins when you change your expectations from failure to success.”

“Nobody cares if you can’t dance well. Just get up and dance!”

Our Core Values

After initially rolling out the Mott Electric Core Values in our last newsletter, we asked for your feedback. More than 130 people responded to the survey that was circulated to all Mott employees. Based on the feedback that was received some adjustments were made to the initial Core Values and we are pleased to present the revised version.

We truly believe that these Core Values reflect who we are and what we believe. As we move further into 2017 you will start to see them included in company material and on our website.

Mott Electric GP Core Values:

We Pride Ourselves in Our Work

- We commit to quality and reliability
- We get the job done right
- We stand behind our work

We Demand Safety

- We insist on a safety culture
- We provide a safe work environment
- We look out for each other

We Are Family

- We work as a team and communicate openly
- We have an open door policy and are approachable
- We bring energy and enthusiasm to work

We Innovate

- We support creative thinking and new ideas
- We evolve with changes in our industry
- We commit to learning and continuous improvement

We Give Back

- We support each other
- We support the community
- We contribute to a sustainable / greener future



Safety First!

Perry Harvey, Occupational Health & Safety Specialist

Suspension Trauma

Suspension trauma can occur with a fall arrest system when a worker experiences a fall and is suspended in an upright position with the harness straps causing pressure on the legs resulting in an accumulation of blood.

An accumulation of blood in the legs reduces the amount of blood in circulation. The body reacts by speeding up the heart rate in an attempt to maintain sufficient blood flow to the brain. If the blood supply is significantly reduced, this reaction will not be effective and will abruptly slow the heart rate and blood pressure will diminish in the arteries. During severe venous pooling, the reduction in quantity and/or quality (oxygen content) of blood flowing to the brain causes fainting. This can also have an effect on other vital organs, such as the kidneys. The kidneys are very sensitive to blood oxygen, and renal failure can occur with excessive venous pooling. If these conditions continue, they may be fatal.

Preventing Suspension Trauma


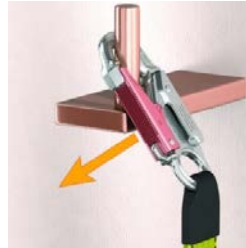
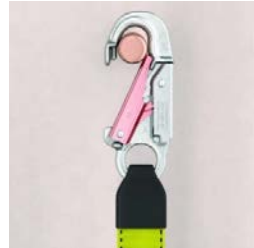
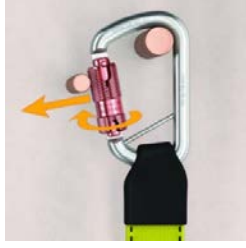
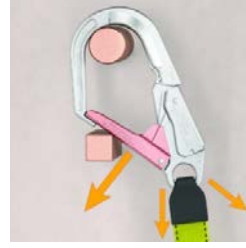
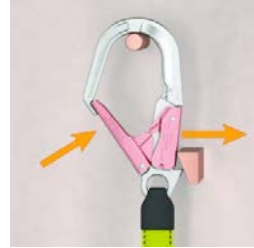



When a worker is using a fall arrest system, an effective rescue plan must be determined so the worker can be immediately rescued. Calling 911 is not considered as an effective rescue plan. There are specific equipment and procedures that can be used to promptly rescue a worker. Any worker who is using a fall arrest system shouldn't be working alone; this can cause a significant delay in rescuing the worker if they fall. It is highly recommended that trauma suspension traps (see example below) be installed on a harness when using a fall arrest system. If there is any problem executing the rescue plan, the suspended worker will be able to adjust the straps to allow blood flow throughout the body.



Suspension Trauma Safety Strap:

- Allows workers to stand up in harness, relieving pressure
- Can accommodate either one foot or both feet in loop at a time
- Increased comfort, balance and improved circulation in legs
- Compact, lightweight and easily installed

WHAT NOT TO DO:

 <p>Dimensional & Configured Incompatibility Connector and anchorage should be selected such that the gatekeeper mechanism is not subject to load. Gate size should be appropriate to the size of the anchorage.</p>	 <p>Gate Side Loading Ensure working area is free of obstructions, which could compromise the gatekeeper mechanism.</p>	 <p>Improper Connection Ensure that hook is compatible with anchorage. Gatekeeper must close and lock.</p>
 <p>Accidental Barrel Disengagement Ensure working area is free of obstructions, which could compromise gate mechanism or result in accidental disengagement.</p>	 <p>Gate Face Loading Ensure working area is free of obstructions, which could place a force/load on the face of the gatekeeper mechanism.</p>	 <p>Accidental Lock-Lever Deactivation Ensure working area is free of obstructions, which could accidentally engage the lock lever mechanism and result in accidental disengagement.</p>
 <p>Connector Tip Loading Configure application such that gate mechanism and hook tip are not loaded.</p>	 <p>Multiple Loading Do not subject the hook to multiple forces, which could cause hook body deflection resulting in gate failure.</p>	 <p>Deliberate Lock Lever Deactivation The connector locking keeper mechanism should not be disabled.</p>

We Keep Good Companies!

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

“...express my gratitude for exceptional work.”

Attn: Gord Denham

I wanted to express my gratitude for the exceptional work that was done on our new office space. The time line for our project was extremely rushed and somewhat hectic but, together with your guidance, your crew managed every aspect with grace and poise.

I also wanted to point out, Ryan Zeitner and Jaclyn Payment. These two individuals always made time for me and my requests with an accommodating smile. I had a lot of questions and requests for them and they made each one simple and painless.

Sincerely,

Norm David

President, Lighthouse Lighting (formerly Dasal Architectural Lighting)
Port Coquitlam, BC

“...appreciate working with people who enjoy their job and leave a positive impression.”

I just wanted to write a quick note to commend the (Division 9) work crew at 2465 W 1st Ave this week. David, the team leader, was easy to contact and professional in all his communications. His team was excellent. I had the most interaction with Patrick and Scott. They were both pleasant and courteous.

All of the tenants were very pleased. Having worked in professional sales for many years, I truly appreciate working with people who appear to enjoy their job and leave a positive impression. Good job!

Kind regards,

Lana Chin

Frederick Manor

“...makes our job easier and very enjoyable.”

To Ian Collins:

Thank your crew for the great work at AGT during the weekend. We are looking forward to working with you in the future.

Having the same Mott people helping us multiple times makes our job easier and very enjoyable.

Regards,

Ionut Florea, P. Eng., Class A FSR
Schneider Electric

“...very conscientious personnel.”

To Dan Ternoway,

Thank you for your collaboration... and importantly the very conscientious personnel - Kyle and John, who are also a pleasure to work with.

Jeff Sacks

Structa Wire Corp.

Office & After Hours
Head Office / Serving Greater Vancouver
(604) 522-5757
Vancouver Office
(604) 683-5752
MTI Office
(604) 436-5755

