

GREEN SCREENINGS

VOLUME 14 / ISSUE 1

THE PUBLICATION OF THE **BRITISH COLUMBIA STONE, SAND & GRAVEL ASSOCIATION**



Photos from the **53rd Annual Mine Safety Awards** reception in Victoria, March 23rd, 2015. For a list of recipients, see page 9.

BCSSGA Mission Statement

TO ENCOURAGE the formulation of government policies that support investment in the sustainable development of British Columbia's aggregate resource.

TO PROVIDE a network for the effective exchange of information within the aggregate industry throughout British Columbia.

TO COMMUNICATE the economic importance and environmentally responsible nature of the aggregate industry to the public and to government.

TO PROMOTE the exchange of information between the various mining-related associations throughout Canada.

MARK YOUR CALENDAR!

MAY 7th
AGM, Langley, BC

JULY 23rd
General Meeting, Nanaimo, BC

SEPTEMBER 15th
General Meeting, Kelowna, BC

NOVEMBER 19th
General Meeting, Langley, BC

SCREENINGS is published by the BCSSGA as a service to its members. Statements expressed herein do not necessarily reflect the views of the BCSSGA or its sponsors.

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**The next deadline for new
material is AUGUST 8TH**

SCREENINGS is always looking for useful information to pass on to our members! If you would like to write an article in 2015, or if you are an advertiser who would like to update your ad, the deadlines for 2015 are: August 8th and November 8th.

We look forward to your input!

BCSSGA COMMITTEES

COMMITTEE NAME	CHAIR	OTHER MEMBERS
Action Committee	Ted Carlson	Ted Carlson, Bob Esau, Ed Claggett, Brian Weeks, Chuck Willms
Financial Committee	Barry McLean	
Workplace Safety Committee	Paul Allard	Brad Kohl, Steve Dimond, Barry McLean
Labour Shortage Task Force	Dan Warrington	
Safety, Community Relations and Reclamation Awards	John Foreman	John Tiefenbacher, Trevor Ward, Paul Allard to administer
BC Construction Safety Alliance		Andre Balfe, Paul Allard Ex-Officio
Screenings Newsletter	Paul Allard (Editor)	Leah Altizer (Writer), Brian Weeks, Jeff Watson
Technical Training	John Tiefenbacher	John Foreman, Trevor Ward, Paul Allard to administer
Truck Safety/ Registry Committee	Bob Esau	Derek Holmes, Tony Martens
Website Design/ Maintenance	Paul Allard	Steve Dimond, Brian Weeks
Scholarships		Bob Esau, Brad Kohl, Markus Kopper, David Durante, John Dodds
Awareness and Promotion Program	Barry McLean	Brad Kohl
Membership Committee	EVERYONE IN THE BCSSGA	
Resource Roads Act	Erwin Spletzer	Derek Holmes
Surrey Soil Removal Bylaw	Ted Carlson	Brent Palmer, Dave Vernon
Recycling Committee	Kris Watrich	Nick Lieuzinger, Henry Xu

HIGHLIGHTS FROM BCSSGA MEETING

JANUARY 14, 2015

LUNCH SPONSORS:

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Mine Supervision for Aggregate Operations

Ed Taje, *Senior Mines Inspector, Ministry of Energy & Mines*

Mr. Taje summarized the requirements for supervisors as set out in the Act and Regulations (HSRCBC). This includes the requirement for and duties of a Shift Boss where six or more workers are employed at one time and the duties of Mine Manager where there are less than six workers. A question and answer session followed.

Reviewable Projects Regulation Review

Paul Craven, *Executive Project Director, Environmental Assessment Office*

Mr. Craven explained the process for obtaining an Environmental Certificate prior to receiving a permit from any other Ministry for major projects in BC. The Ministry is looking for stakeholder feedback and a policy intentions paper will be issued this year. If you would like a copy of the PowerPoint presentation that was presented, please contact Paul Allard.

Water Sustainability Act

Brian Butler

The act was passed last May and covers surface and ground water. Look for updates on this at future meetings of BCSSGA.

Membership Dues

Dues were kept the same as last year. Four organizations were approved for a waiver of annual membership dues.

Screenings Newsletter

This publication was approved for production in 2015, with advertising revenue covering publishing costs.

New Board Members

BCSSGA requests that member organizations consider whether they might be able to join the association's board of directors.

BC Timber Sales Operation Plan 17

The potential impact of this on BCSSGA members will be discussed at a future meeting.

ROCK TO ROAD announces

Top 10 under 40

WRITTEN BY ROCK TO ROAD

April 10, 2015 – Rock to Road magazine has officially released its **Top 10 under 40**, recognizing 10 outstanding aggregates and road construction industry professionals that are leading the next generation workforce.

Originally announced at the National Heavy Equipment Show in Mississauga, Ont., this year's list represents a wide spectrum of the rock to road industry, including equipment operators, site managers, R&D professionals, marketing personnel and more.

Here is the list of this year's winners:

1. **Ted Magnusson** – *Mine Manager Designate, Fraser Valley Aggregates – Surrey, B.C.*
2. **Dani Miller** – *Safety and Technical Compliance Manager, Mainland Sand and Gravel – Surrey, B.C.*
3. **Trevor Nabe** – *Estimator, Transportation West, AECON – Edmonton, AB*
4. **Jack Safronetz** – *Operations Manager, HJR Asphalt – Saskatoon, SK*
5. **Derek Resendes** – *Construction Manager, 5 Star Paving – Cambridge, ON*
6. **Scott Creighton** – *Former Marketing Coordinator, Creighton Rock Drill – Mississauga, ON*
7. **Pam Sullivan** – *Construction Manager, Basin Contracting Ltd. – Enfield, NS*
8. **Karly Winfield** – *VP Marketing, PROVIX Inc. – Aliston, ON*
9. **Amma Wakefield** – *Manager of Materials Research and Design, Miller Paving – Aurora, ON*
10. **Alex Caruana** – *Ontario Regional Manager, Polydeck Screen Corporation – Brantford, ON*

This year's Top 10 under 40 will be featured in the cover story for the upcoming March/April edition of Rock to Road magazine. For more information about the Top 10 under 40, visit www.rocktoroad.com.

HIGHLIGHTS FROM BCSSGA MEETING

MARCH 5, 2015

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Ministry of Energy and Mines

Ed Taje, *Senior Mines Inspector, Ministry of Energy and Mines*

- Working alone regulations require a check of isolated employees at least every 2.5 hours.
- Every operation must have an emergency response plan, tailored to the size and location of each operation. It must be tested and updated regularly.
- FVRD's soil removal bylaw has passed and is being reviewed by MEMPR
- No one but the provincial Mines Inspector is to be on the mine site without the approval of the Mine Manager.
- New fees for Notice of Work etc have been implemented.

Water Sustainability Act

Denis Collins, *FLNRO*

The Act was passed into law last year with the intent to update the current 100 year old act and now include both surface and ground water. The current water license holders are grandfathered by seniority. Fees are available online. A full presentation will be made at a future BCSSGA meeting.

CWA Engineers Inc.

Andrew Katnick, *P. Eng., Engineering Manager and Senior Project Manager*

CWA has a 45 year history in consulting engineering and over 80 engineers on staff with experience in civil, structural, mechanical, electrical and control engineering. They have done engineering and project management for many BCSSGA members. CWA has expertise in bulk materials handling systems for mining and minerals, construction aggregates, wood processing and shipping terminals and provides assistance from concept development through project design and

management to operation evaluation. They even use 3D modeling and are available 24 hours a day for immediate response to emergency situations. Contact Paul Allard for a full presentation on their services.

See company profile on page 18.

Hein Lehmann Canada

Jay Pelton

Liwell Screening machines are for dry screening fines. They are now used worldwide for screening many products below 3mm size, particularly when moisture is present. Check on YouTube for videos by Jay showing these machines in operation on wood chips, glass, plastics and electronic parts.

Machinery Supply

Nick Panghorn

Product lines represented: CDE wash equipment, Komptech low speed shredding, Powervault power factor correction packages, Excel Foundry parts, FDL Smith Raptor Cones, Tema Isenmann, World Wide Electric motors, VFDs and soft starters, Ultimate Gear boxes, Thor telescopic stackers, Remco VSIs, Fisher Air Separators, Lippmann Crushers, ISS Automatic Belt Samplers, Hoyt Wire Cloth.

Business Session

- Membership: please ensure you have paid your recent membership invoice. We also encourage our members to promote the benefits of our organization to more operators to help grow our membership.
- Labour Shortage Taskforce (renamed to HR Taskforce): The funding and mandate have recently run out but this group made significant gains in making our industry more attractive to potential employees.
- Ontario SSGA AGM: Below water table extraction presentations were made which included several case studies and OSSGA member perspectives on working together with stakeholders for successful solutions. There was also a discussion on succession planning, vital for the long-term future of an operation.

The next meeting will be held on Thursday, May 7th at noon in Langley.



BC ON THE MOVE: 10-Year Transportation Plan Key to Strong Economy

SUBMITTED BY BC ROAD BUILDERS AND HEAVY CONSTRUCTION ASSOCIATION

The BC Road Builders and Heavy Construction Association offers its support for the BC on the Move 10-Year Transportation Plan released by the Honourable Todd Stone, Minister of Transportation and Infrastructure.

"We are excited to see an ongoing commitment by government to maintain and improve the transportation network across the province," says BC Road Builders president Jack Davidson. "The \$2.5 billion plan will focus on improving infrastructure that will support the movement of people, goods and services, which will keep are businesses competitive and workers employed."

The BC on the Move Plan will grow the economy, improve safety, maintain and replace aging infrastructure and

support trade for BC's expanding resource sectors through Canada's Asia-Pacific Gateway.

Strategic investment in core infrastructure supports economic growth, jobs and an overall higher quality of life for all British Columbians. A strong economy enables government to deliver the important services we need and demand such as healthcare, education and security.

For more information, please contact:

Jack Davidson, President

BC Road Builders & Heavy Construction Association

Tel: 604-436-0220 Email: jack@roadbuilders.bc.ca

BC RELEASES 10-year Transportation Plan

WRITTEN BY ROCK TO ROAD



March 18th, 2015 — The BC government announced BC on the Move, a 10-year transportation plan that outlines critical investments and improvements throughout the province that will improve the daily lives of British Columbians.

This \$2.5-billion plan will grow the economy, improve safety, maintain and replace aging infrastructure and support trade for BC's expanding resource sectors through Canada's Asia-Pacific Gateway.

"The best possible transportation network is vital to the daily lives of every single British Columbian and is one of the most important foundations of a strong economy," said Minister of Transportation and Infrastructure Todd Stone. "BC on the Move is the roadmap for the next 10 years on how we will expand and improve our transportation network to ultimately improve the quality of life for us all."

The plan included input from an extensive engagement process in fall 2014 that included meetings with key stakeholders throughout BC, including First Nations, local governments, chambers of commerce and port and airport authorities. Government also conducted a public survey with almost 13,000 responses.

British Columbians made it clear they want their highways, roads, bridges and side roads kept in good condition, which is why the plan includes more than \$800 million over the next three years dedicated to existing infrastructure and almost \$1 billion toward expansion of major highways and the network.

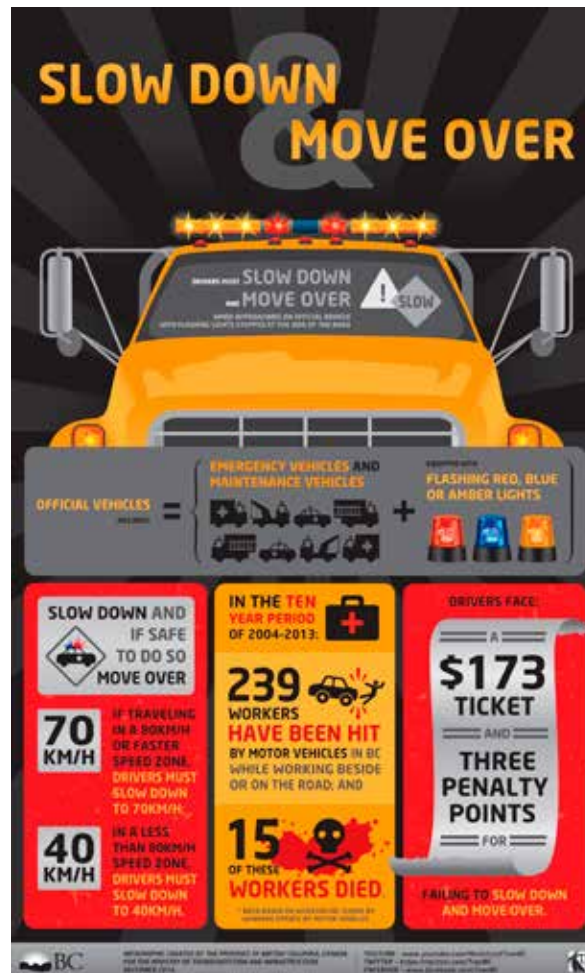
BC on the Move includes a new Provincial Trucking Strategy that will involve industry working together on how best to improve the safety, efficiency and economics of trucking in BC

Other highlights of BC on the Move:

- Partnering with First Nations on projects that support economic activity.
- Improving accessibility for persons with limited mobility by upgrading rest areas.
- New investments in bike lanes and trails through partnerships with local communities.
- The foundation of BC on the Move is partnerships. Where partners are committed to sharing costs and providing resources to mutual priorities, the Province will actively pursue and invest in projects.

"SLOW DOWN MOVE OVER" Legislation Success!

SUBMITTED BY THE BC ROAD BUILDERS AND HEAVY CONSTRUCTION ASSOCIATION



The BC Road Builders and Heavy Construction Association has long been lobbying the provincial government to make changes to the Slow Down Move Over legislation, and we are excited to report the Ministry of Transportation and Infrastructure has made our proposed changes a reality!

The legislation went into effect on January 1st to include all vehicles with red, blue or yellow flashing lights (not just emergency vehicles).

Drivers are required to slow their speed to 70km/h when in an 80km/h or over zone, and 40km/h when in an under 80km/h zone. If travelling on a multi-lane road, the driver must move into another lane to pass where it is safe to do so. If drivers fail to lower their speed appropriately or fail to move over, this can result in a ticket of \$173 and three penalty points.

The Association is pleased that our concerns regarding the safety of all roadside workers has been acknowledged with this regulation change, and we hope that it will help prevent injuries and fatalities.

DAY OF MOURNING 04.28.15

Across Canada, April 28th has been designated the Day of Mourning.

Every year, workers, families, employers, and others come together at ceremonies held around the province to remember those who have lost their lives on the job, and re-new our commitment to creating safer workplaces.

This year, the Vancouver ceremony will be held on *Tuesday, April 28th, at the Vancouver Convention Center, Jack Poole Plaza area, at 10:30 a.m.*



INDEPENDENT CONTRACTORS AND BUSINESSES ASSOCIATION UPCOMING COURSES

SUBMITTED BY THE BC ROAD BUILDERS AND HEAVY CONSTRUCTION ASSOCIATION

***DID YOU KNOW THAT THE CANADA - BC
JOB GRANT PAYS UP TO 2/3 OF YOUR
COURSE COSTS?***

See page 8 for more information.



Occupational First Aid Level 1

MAY 2, 2015

Occupational First Aid (OFA) Level 1 is a one-day course designed to cover all medical techniques considered to be within the responsibility of the Occupational First Aid Level 1 Attendant as required by the Workers' Compensation Board of BC (WCB).

Introduction to Blueprint Reading

MAY 6, 2015

Participants will learn how to read a set construction blueprints and specifications. Using both residential and commercial samples of blueprints, participants will gain experience and practical knowledge for their day-to-day work in construction companies. This course is ideal for those who have little or no background in blueprint reading. This course is Gold Seal certified.

Microsoft Project

MAY 11-12, 2015

The main objective of this 2-day course is to introduce the commands, functions, and capabilities of Microsoft Project. It is designed for computer users who are new to Microsoft Project who want to gain a thorough understanding of one of the world's most popular project management software packages. This course is Gold Seal certified.

Microsoft Outlook — Priority Management

MAY 13, 2015

Learn powerful organizational strategies that can change the way you work and save you hours of time every week. Learn to navigate quickly, and far less, through Outlook and how to create a powerful single page dashboard that will let you strategically manage all your appointments, tasks, email and follow-up calls on a single page. This course is Gold Seal certified.

Pre-Construction Planning

MAY 19, 2015

This course will assist participants in developing a formal pre-construction planning process that extends through the three project stages: bidding, pre-construction and project execution. The course will also include major principles for successful implementation of pre-construction planning. Contractors will be presented with a comprehensive set of pre-construction activities that can be tailored to fit all project sizes and all project risks. This course is Gold Seal certified.

Change Order Management

MAY 20, 2015

Frequently, change orders cause a significant disruption to a construction project. The disruptions cause changes in the planned schedule and increase costs through rework and decreased labor efficiency for the contractor. This seminar is focused on three areas. First, proper management of change orders, second, legal considerations and the third, how to quantify loss of labor efficiency and price change order including forward pricing. This course is Gold Seal certified.

Construction Law

MAY 27-28, 2015

The Construction Law course is designed for construction owners, managers, estimators and supervisors to develop an understanding of contract law as it relates to construction. The learners will build practical skills and learn how to effectively and proactively deal with conflict situations and avoid litigation. The course will also review other construction related law such as the builders liens, collecting debts, bonding, insurance, environmental law and safety law. This course is Gold Seal certified.



CANADA-B.C. JOB GRANT

Canada-British Columbia Job Grant Fact Sheet

ABOUT the Canada-B.C. Job Grant

The Canada-B.C. Job Grant is a cost-sharing program that helps employers offset the cost of training for new or current employees. The grant helps British Columbians gain the skills they need to fill available jobs; it helps employers invest in their workforces, equipping workers with the training necessary to make their businesses succeed. The B.C. government is partnering with organizations to help employers assess skills needs, develop training plans, and assist with grant applications. Visit www.workbc.ca/Employers/Run-your-business/Canada-B-C-Job-Grant/Delivery-Partner-Program.aspx to find the list of available Delivery Partners.

WHO can apply

Employers with a plan to train workers for new or better jobs in B.C. may apply. This includes:

- private sector employers;
- not-for profit sector employers.

Applicants must be legal entities entitled to operate in B.C.

WHO can receive training

Training for **both current and future employees** is eligible.

An employer may seek funding to upgrade the skills of a current employee or to train an individual for a future job. In either case, the employer must have a **guaranteed job** available to the participant once the training is complete.

Participants must be Canadian citizens, permanent residents or Protected Persons Entitled to Work in Canada, as designated by the Immigration and Refugee Board of Canada (IRB) and Citizenship and Immigration Canada (CIC).

HOW MUCH is available

Employers can receive up to **two-thirds of the cost of training** to a maximum government contribution of **\$10,000** per grant; employers must contribute the remaining one-third.

WHAT TYPE of training is covered

Eligible training must meet the needs of the business and lead to a guaranteed job in B.C. This includes, but is not limited to:

- essential skills training;
- technical training;
- business training;
- management and leadership training;
- short-term certificate training.

The training can take place in a variety of settings, including a classroom or training facility, a workplace or online.

To be eligible, the training must:

- be delivered by a **third-party trainer**, including but not limited to a university, community or career college, trade union training centre, industry association, or private trainer whose fees are in line with the market rate for the same or similar training;
- be completed within 52 weeks of receiving grant approval.

WHAT TRAINING COSTS are eligible

The grant covers:

- tuition fees or fees charged by a third-party trainer;
- mandatory student fees;
- fees for textbooks, software and other required materials;
- examination fees.

HOW to apply

Visit www.workbc.ca/canadabcjobgrant for more information and to complete an application form or contact us at 1-877-952-6914.



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BC JOBS
PLAN



Canada

Funding provided by the Government of Canada through the Canada Job Grant

"ICBA Upcoming Courses" cont'd from page 7

Communications Skills

JUNE 1-2, 2015

This course is designed to teach owners, managers, and supervisors how to communicate effectively and efficiently. Participants will learn how to communicate properly through speaking, writing, body language, and listening; hone their skills on managing and controlling meetings; assertiveness training, anger and conflict management; and through correspondence and construction reports. This course is Gold Seal certified.

How to be a better Foreman

JUNE 5, 2015

Many great trades people take a foreman position and fail. Not for lack of skills or drive but simply for lack of guidance on how to be a great foreman. This 1-day course gives participants the fundamentals of field leadership, organization, crew morale, efficiency, and productivity. This course is Gold Seal certified.

A list of all upcoming courses can be found here: <https://icba.simplesignup.ca>

53rd Annual Mine Safety Award Winners

Al Hoffman, P.Eng., Chief Inspector of Mines, recently announced the winners for the 53rd Annual Mine Safety Awards:

CERTIFICATE OF ACHIEVEMENT

Fraser Pacific Enterprises Inc. – *Sumas Shale Quarry*

Plateau Construction Ltd. – *Harper Ranch Quarry*

STEWART / O'BRIAN AWARD

Baymag Inc.

I.G. Machine & Fibers Ltd.

Lafarge Canada Inc. – *Texada Quarry*

Mainland Sand and Gravel Ltd. – *Jamieson Quarry*

Teck Coal Ltd. – *Quintette Coal Operations*

EDWARD PRIOR AWARD

Copper Mountain Mine Ltd.

Thompson Creek Mining Ltd. – *Endako Mines*

JOHN ASH AWARD

Gibraltar Mines Inc.

LARGE UNDERGROUND MINES AWARD

New Gold Inc. – *New Afton Mine*

Congratulations to all recipients!



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NAOSH
MAY 3-9, 2015

Showcase your company's commitment to health & safety,
and get acknowledged in the process!

Join the Fun...GET INVOLVED!

- Hold activities and events during NAOSH Week that represent the theme "Make Safety a Habit"
- Attend the BC NAOSH Week launch event on May 4, 2015
- Apply for a BC NAOSH Week award
- Register to participate to ensure you receive useful resources, important updates and a Participation Certificate
- Bring your team to the Safety Forum and Awards Luncheon celebration in October 2015
- Sponsor BC NAOSH Week
naoshbc.com
- Sign up for the BC NAOSH Week e-newsletter



Most importantly...HAVE FUN!



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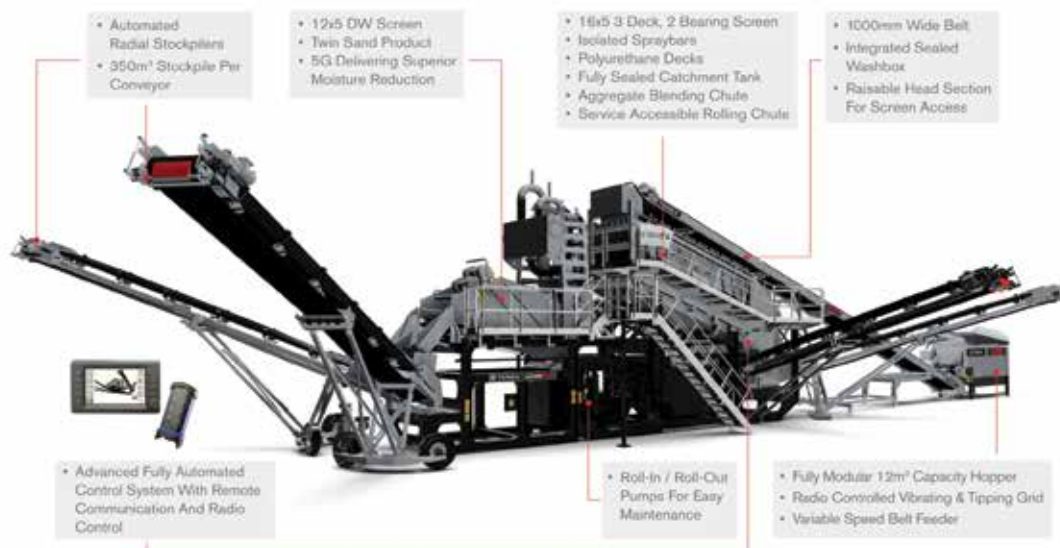


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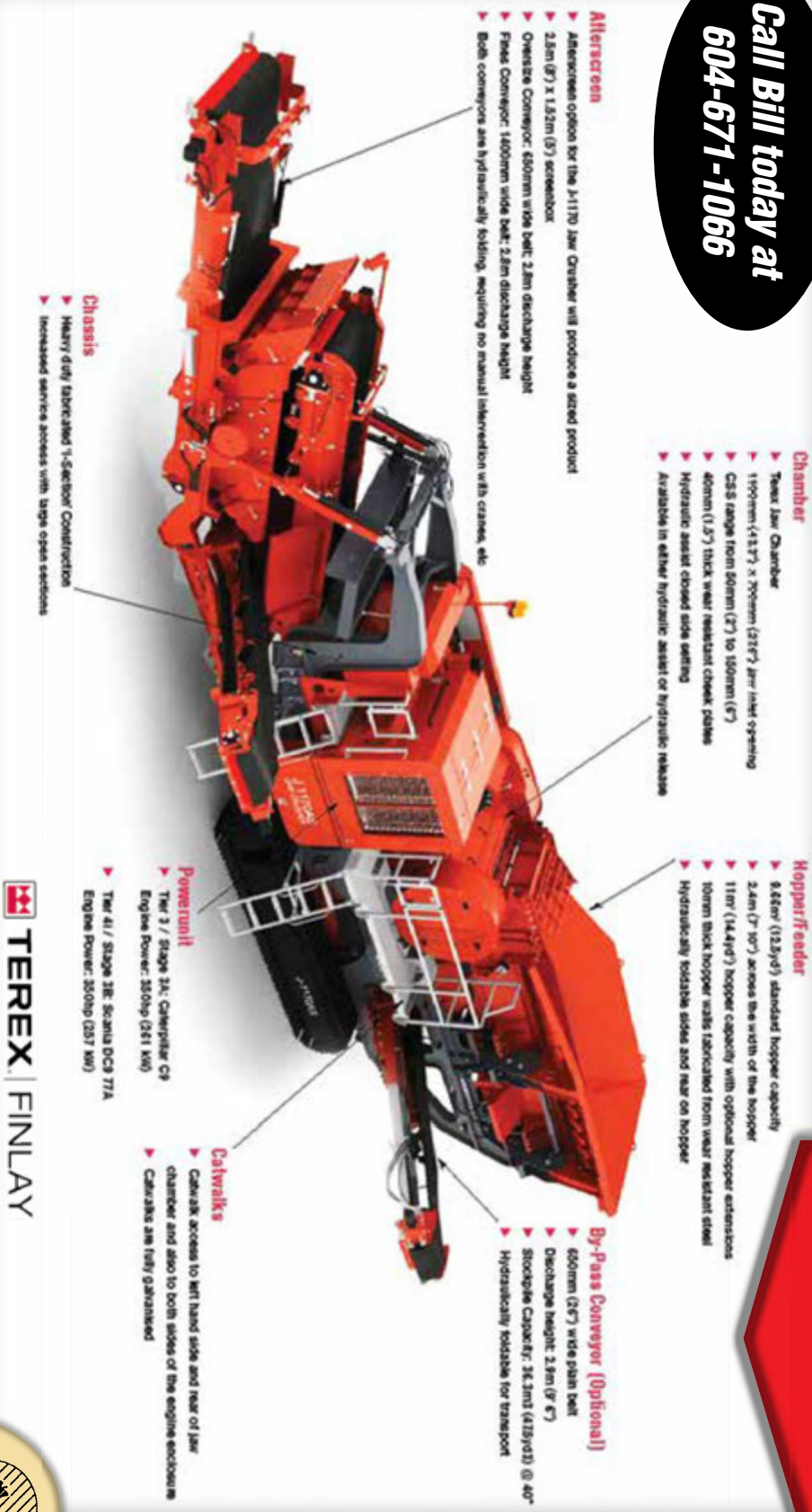
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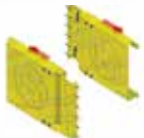
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NEW MEMBER RECOGNITION: CWA ENGINEERS INC.

BCSSGA would like to introduce one of their newest members, CWA Engineers Inc.

CWA's experienced team of professionals helps their clients achieve multi-million dollar savings in capital, maintenance and operating costs by way of state-of-the-art 3D technology, global procurement strategies, along with designs that keep manufacturability, constructability, operations and maintenance in mind.

CWA provides comprehensive EPC/EPCM services for every stage of the project lifecycle from preliminary economic assessments, pre-feasibility and feasibility studies, through to detailed design, procurement, project management, construction and commissioning. Their extensive experience in the construction materials industry includes aggregate production and handling, ready-mix concrete facilities, asphalt production plants, as well as cement and powder handling systems.

CWA takes pride in functional and cost effective designs. They understand the ever-changing nature of the construction materials marketplace, and the need to develop practical solutions in order to minimize the total lifetime cost of ownership and maximize the return on investment, while maintaining flexibility for future changes.

Their planning and design services include:

- Process development
- Facility layouts and site planning
- Mechanical, structural and electrical design

- Process control
- Equipment specifications and procurement
- Capital cost estimates
- Project scheduling
- Construction management

CWA's experience with a wide range of projects across North America and internationally provides them with a unique knowledge of the latest equipment and process technologies available, as well as modern environmental management and operational techniques.

Some of the projects they have worked on include:

- Burnco Rock Products – Langley Barge Unloading System
- CEMEX – New Offshore Loadout Facility
- Inland Aggregates – Spy Hill Aggregate Processing Facility
- Graymont Western Canada – Giscome Lime Facility
- Lafarge – Spy Hill Wash Plant
- Lehigh – Texada Island Loadout Facility
- Pitt River Quarries – Barge Loading System
- Polaris Minerals Corporation – Orca Sand and Gravel Conveyor

Contact CWA to discuss a project or find out more about their qualifications.



CWA ENGINEERS INC.

Suite 380 - 2925 Virtual Way, Vancouver, BC V5M 4X5

Office: 604.637.2275 Fax: 604.637.2276 Email: info@cwaengineers.com www.cwaengineers.com

Personal Optional Protection Update

Minimum coverage increasing in 2015

Are you a proprietor or partner in an unincorporated construction company?

WorkSafeBC Personal Optional Protection is an optional insurance plan for individuals who are not automatically covered by the Workers Compensation Act. If injured at work, customers who have Personal Optional Protection coverage are protected against income loss and the cost of health care, rehabilitation, and vocational services.

As of January 1, 2015, WorkSafeBC increased the minimum monthly coverage of Personal Optional Protection from \$1,500 to \$1,800 to align with BC's current minimum wage. Raising the minimum amount of coverage helps ensure that customers will not be underinsured, which could result in them being compensated for less than the minimum wage in the event of a work-related injury.

When customers apply for Personal Optional Protection, we encourage them to select enough coverage to reflect their monthly earnings. While an injury can be devastating, it can take an even heavier toll if there isn't enough insurance to cover basic living expenses.

Personal Optional Protection customers will automatically be transitioned to the new \$1,800 monthly minimum starting next year. The new application form with updated coverage amounts will be available online on January 1, 2015.

For more information, please contact our Employer Service Centre at 604.244.6181 (toll-free 1.888.922.2768), from 8:30 a.m. to 4:30 p.m. Monday through Friday, or visit worksafebc.com.

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