



BC Forest Safety

Safety is **good** business

2019 ANNUAL REPORT

EVERY FORESTRY WORKER

GOES HOME SAFE - EVERY DAY



Photo: Richard Shultz







Contents

Message from the Chair	4
Message from the CEO	6
1 Who We Are, Core Beliefs, Our History, Our Vision	8
2 Industry Statistics And Trends	10 - 13
• Industry Injury Rates	10
• Harvesting Injury Rates	11
• Sawmill Injury Rates	12
• WorkSafeBC Rate Changes	13
3 Governance	14
• 2019 Board of Directors	14
4 Summary of 2019 Activities	16 - 29
• SAFE Companies	16
• Transportation Safety	18
• Falling	22
• Training	24
• Manufacturing Advisory Group (MAG)	26
• Wood Pellet Association of Canada (WPAC)	28
• 2019 Leadership in Safety Awards	30
5 Financials	32 - 33
6 Industry Safety Working Groups	34 - 40



Photo: Richard Shultz

Message from the Chair



In 2004, BCFSC was created as a not-for-profit society dedicated to promoting a culture where the health and safety of all forest workers in British Columbia became and remained an overriding priority of tenure holders, licensees, prime contractors, subcontractors and individual workers. Fifteen years later, these values, beliefs, and commitments that formed the basis of BCFSC are just as relevant today.

As we look back on BCFSC and industry's efforts over this time, it's important to acknowledge the positive progress that has been made. This progress has required a strong level of active engagement and ownership by all levels of industry with a collective focus on making measurable change in injury reduction. With each passing year, industry continues to achieve new levels of improved safety performance.

As we continue on this journey, I'm proud of the steps industry has taken with the support of BCFSC. Despite some of the present challenges facing our industry, we are well-positioned to achieve new levels of improved safety performance and fulfill our vision of ensuring: Every Forestry Worker Goes Home Safe. Every Day.

This year's Annual Report presents a comprehensive overview of the progress and results that come from the hard work and dedication of the many individuals and industry safety working groups that are the backbone of the BCFSC's programs and business plans.

Thank you to all who serve to make BC's forest harvesting, sawmill and pellet manufacturing workplaces the safest they can be. And, to my fellow board members and to all the staff, contractors and others at the BCFSC, thank you for your continued dedication and commitment.

Dave Lehane Chair, Board of Directors
BC Forest Safety Council





Message from the CEO



2019 was a difficult year for BC's forest industry. An anticipated reduction of harvest volumes combined with deteriorating market conditions and a protracted labour dispute created a perfect storm for the industry.

Despite these challenges, along with the additional impact of COVID-19, industry continued to make progress in improving its safety performance with the support of BCFSC. This progress, as outlined in this annual report, reflects industry's continued commitment at all levels, to work collectively to find creative and practical solutions to achieve our shared vision of ensuring: **Every forestry worker goes home safe. Every day.**

Through collaboration with the many industry advisory groups and technical committees and our ability to adapt to change, we have made solid progress in being responsive to industry's needs to create safer workplaces.

These efforts have contributed to an overall reduction in injury rates between 2014 -2018 of 10%, 12% and 67% respectively for harvesting, sawmill and wood pellet sectors.

In addition, the injury rate for log hauling was the lowest injury rate on record at 4.8. Even more significant is the progress made by industry during the last five years where the injury rate for log hauling decreased by more than 20% from 6.1 in 2014 down to 4.8 in 2018.

Despite these efforts, there were five work-related deaths in harvesting. I extend our heartfelt condolences to all the families, friends and colleagues of the deceased. While we honour these individuals every April 28th at Day of Mourning ceremonies, our greatest tribute as an industry, both collectively and individually, is to find new ways to tackle the issues and circumstances that lead to work-related deaths.

A New Strategy

In 2019, BCFSC rolled out a new three-year strategic plan approved by the Board that is based on our vision of "**Every forestry worker goes home safe. Every day**". The effectiveness of this new strategy is based on how BCFSC provides support and creates strong relationships with our stakeholders and supports our underlying belief that injury prevention is most effective when industry owns and leads change.

Our commitment to you is:

- We will continue to collaborate with industry to develop industry best practices, training, and safety management systems.
- We will work with our stakeholders to advance the consistent application of safety solutions through education, advocacy and sharing of health and safety information.

Looking forward, we will continue to adapt our services to support industry during these challenging times by providing high-quality products and services at the lowest cost possible to achieve our collective vision of ensuring **Every forestry worker goes home safe. Every day.**

Finally, I would like to extend my sincere thanks and appreciation to BCFSC's Chair and Board of Directors, all staff, contractors, trainers and the countless industry members who give tirelessly of their time, expertise and experience to make a difference in our industry's safety performance and our communities.

Thank you for your commitment to safety.

A handwritten signature in black ink, appearing to be 'Rob Moonen', written over a light green circular graphic element.

Rob Moonen Chief Executive Officer
BC Forest Safety Council



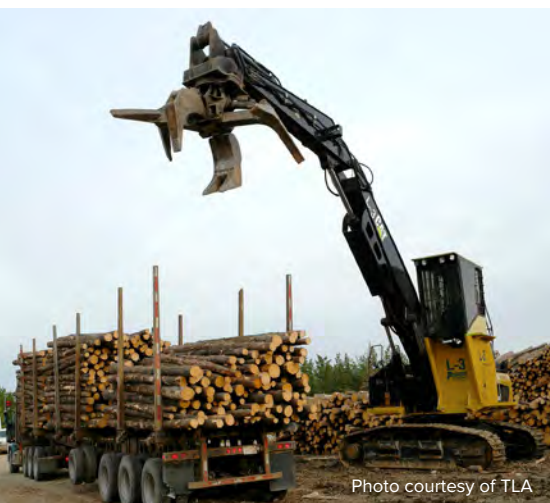


1 The BC Forest Safety Council (BCFSC)



Who We Are

The British Columbia Forest Safety Council (BCFSC) is the health and safety association (HSA) for forest harvesting, sawmills and pellet manufacturing in British Columbia. The BCFSC works with forest sector employers, workers, unions, contractors and provincial government agencies to support industry in implementing changes necessary to eliminate fatalities and serious injuries in the forest sector. We provide services to over 5,000 employers and approximately 40,000 workers across BC. The BCFSC is funded by industry through WorkSafeBC annual assessments and is governed by a Board of Directors representing all sectors of the industry.



What We Do

BCFSC works with industry stakeholders to identify, develop, implement and continually improve health and safety initiatives that build a positive health and safety culture and improve safety performance through SAFE Company certification, training, resource and program development, planning and assessment.



Our Core Beliefs

The BCFSC has shaped our culture to reflect our core values and beliefs. We believe:

- All forestry fatalities and injuries are preventable.
- The safety of forestry workers is an over-riding priority.
- Safety excellence is key to the long-term success of our industry.
- Injury prevention is most effective when the overall industry owns and leads the change.
- Safety is good business.





Our History

The BC Forest Safety Council (BCFSC) was created in September 2004, as a direct result of the findings of the provincial government's Forest Safety Task Force. The task force's mandate was to find ways to reduce the high levels of injuries and fatalities in the forest sector. Task force members included representatives of forestry companies, unions, independent contractors, associations and WorkSafeBC.

The task force's two key outcomes were:

- The industry's adoption in April 2004 of the Health and Safety Accord for the BC Forestry Industry; and
- The creation of the not-for-profit society – The BC Forest Safety Council

During that same year, the harvesting, hauling and silviculture sectors made the decision to fund the BCFSC through a special assessment collected by WorkSafeBC.

Forest Safety Ombudsman – the BCFSC appoints an independent ombudsman to conduct reviews and produce reports on major forest safety issues, and to be an impartial third party for individual cases involving safety. Roger Harris has held the position since the BCFSC's inception in 2004.

Our Vision

The BCFSC is dedicated to continual improvement in helping build a strong culture of health and safety in the forestry industry by working closely and collaborating with all stakeholders on developing, improving and enhancing safety solutions.

We are committed to the on-going improvement of our resources, training, service practices and support efforts to develop and implement new and enhanced methods, procedures and technologies that have the potential to improve safety.

We continue to focus our efforts and maintain our vision to see every forestry worker goes home safe. Every day.



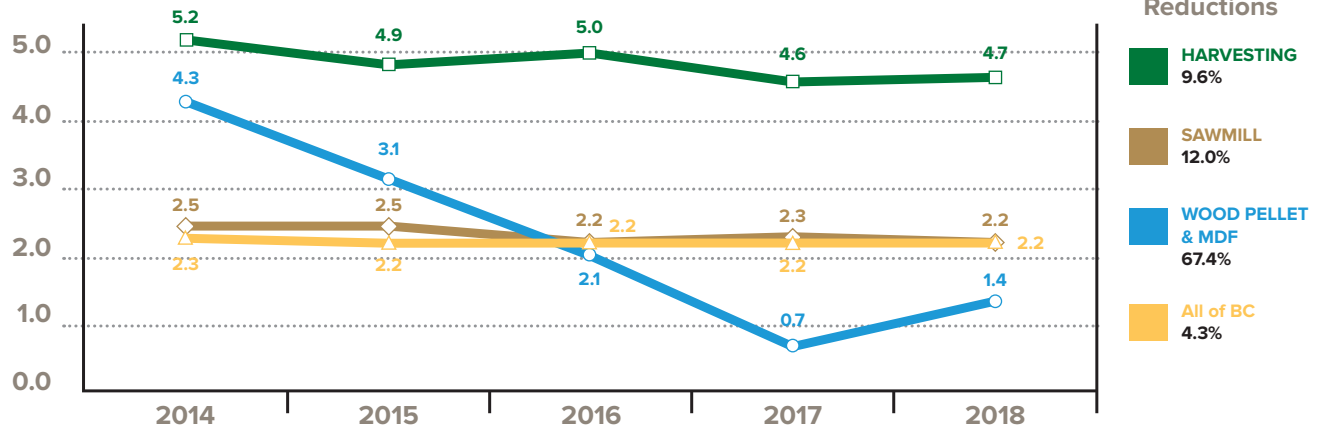
2

Industry Statistics and Trends



Overall, the top four activities that generate the highest number of time loss and serious injuries continue to be log hauling, manual tree falling, equipment operation and tree planting. In 2019, these activities accounted for approximately 60% of the total number of time loss and serious injuries in the entire harvesting sector.

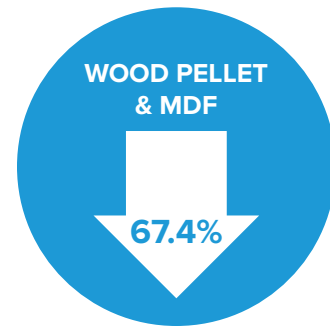
Industry Injury Rates 2014-2018



2014-2018 Reductions

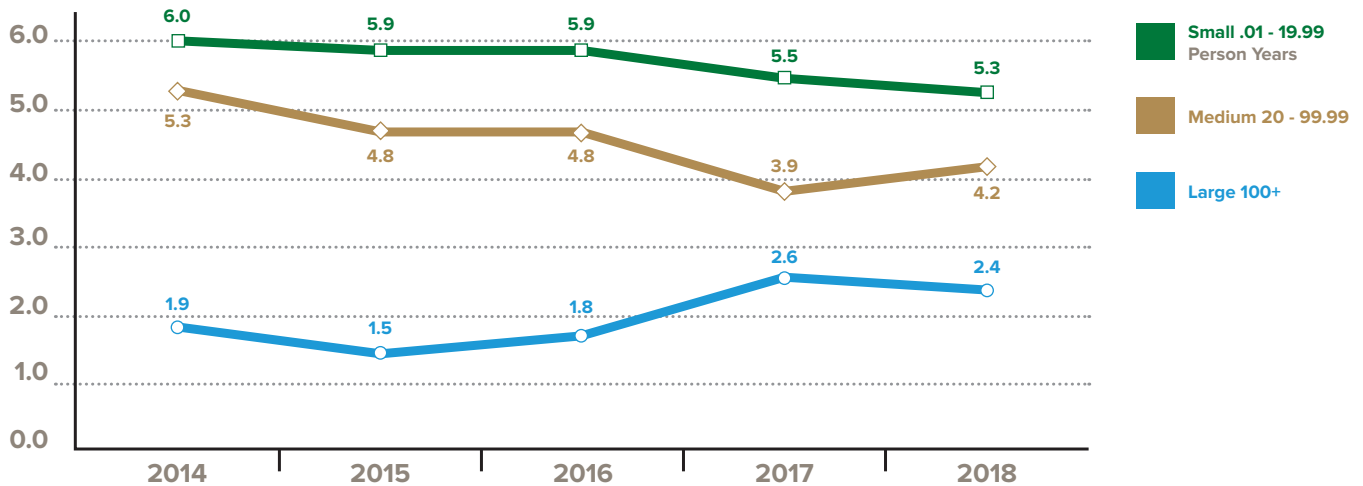
- HARVESTING 9.6%
- SAWMILL 12.0%
- WOOD PELLET & MDF 67.4%
- All of BC 4.3%

Reduction of industry injury rates over the past 5 years



Industry Statistics and Trends

Harvesting Injury Rates 2014 - 2018 by Employer Size



**BCFSC Safety
Advisors conducted
698
in-field visits with
employers**

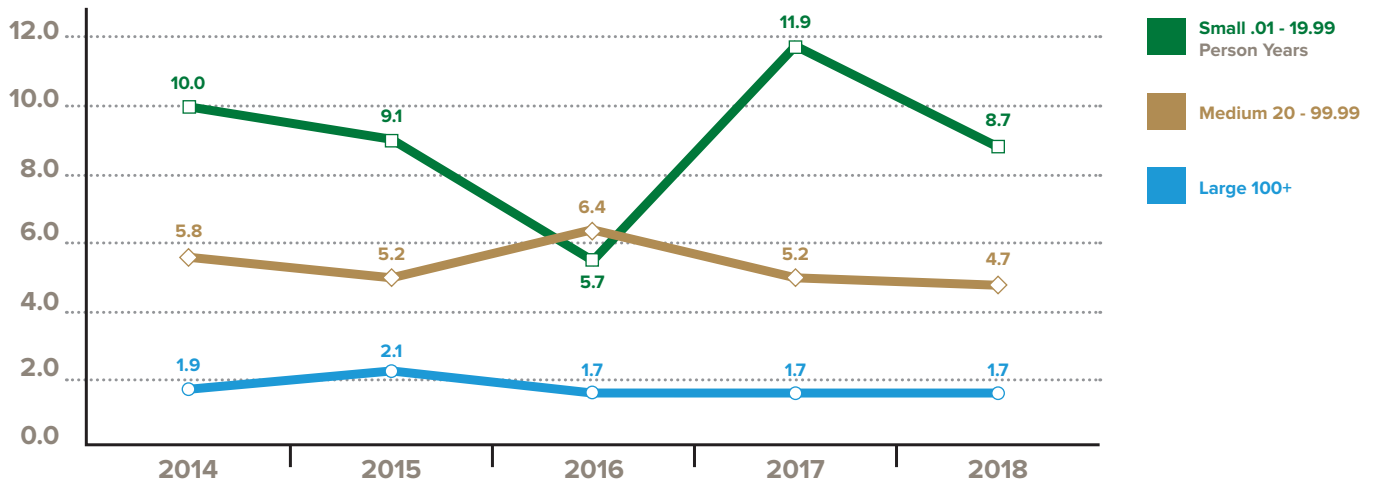
Small and medium size harvesting employers in BC experienced higher injury rates in comparison with larger employers, typically with more comprehensive safety programs and controls in place. While rates are trending down with small and medium sized employers, small employer injury rates are more than double when compared to large employers and medium sized employers have over 1.7 times higher injury rates than large employers. 95% of the employers in the harvesting sector are small employers with the majority of small employers having five or fewer employees.

To address the specific needs of small employers, BCFSC continues to focus on working with small employers. In 2019, BCFSC conducted 406 in-field visits with small employers across the province to review and confirm small employers have effective and practical safety programs in place. In addition, BCFSC Falling Safety Advisors conducted 292 advocacy visits with fallers.

Industry Statistics and Trends



Sawmill Injury Rates 2014 - 2018 by Employer Size



Small and medium size sawmill employers in BC experienced higher injury rates in comparison with larger employers, typically with more comprehensive safety programs and controls in place. Small employer injury rates are five times higher when compared to large employers and medium sized employers have 2.8 times higher injury rates of large employers. 67% of the employers in the sawmill sector are small employers with medium and large employers at 13% and 20% respectively.



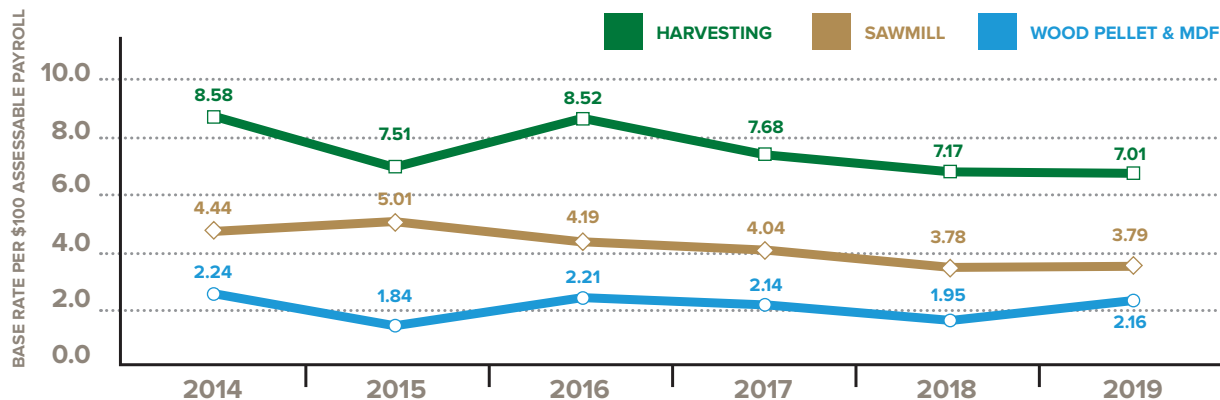
Photo courtesy of CANFOR





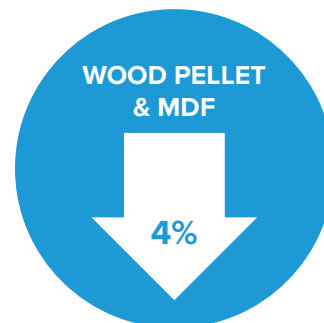
Industry Statistics and Trends

WorkSafeBC Base Rate Changes 2014 - 2019



As companies endure to build a stronger safety culture within their organizations, the number of injuries has continued to fall leading to a reduction of WorkSafeBC base rates.

Reduction of Industry Base Rates 2014 - 2019



3

Governance



Board Chair

Dave Lehane

Board Committees (as of June 2019) and Chairs (as of December 31, 2019)

Audit & Finance Committee

Provides oversight responsibilities relating to the annual workplan budget, financial information and policies, internal control systems and the audit process.

Chair: **David Elstone**

Governance Committee

Advises the Board on governance matters including Board effectiveness and BCFC membership, along with setting the process for recruitment, appointment and ongoing development of directors.

Board Vice Chair and Governance Committee Chair: **Reid Hedlund**

Human Resources Committee

Helps the Board meet its human resources obligations covering senior management recruitment, compensation and succession planning.

Chair: **Stephen Mackie**

Program Committee

Gives the Board advice and recommendations on issues related to the effectiveness of Council's certification, training and other safety programs.

Chair: **John Betts**

Board of Directors

There are nine Board members with demonstrated years of service to the BCFC Board:

John Betts, Executive Director, Western Forestry Contractors' Association – 16 years

Reid Hedlund, Chairman, Interior Logging Association – 12 years

Chris Stagg, Assistant Deputy Minister - Ministry of Forests, Lands and Natural Resource Operations & Rural Development - 2 years

Brian Butler, President, United Steelworkers 1-1937 - 1.5 years

Andrew Horahan, Vice President, BC Operations, Interfor Corporation – 4 years

James Gorman, Vice President, Corporate and Government Relations, West Fraser – 5.5 years

Stephen Mackie, Executive Vice President, North American Operations, Canfor - 4.5 years

David Elstone, Executive Director, Truck Loggers Association - 4 years

Mark Leitao, Vice President Operations, Mosaic Forest Management - 1 year

Ex -Officio: Al Johnson, Head of Prevention Services, WorkSafeBC – 3 years





4 Summary of Activities

SAFE Companies



Since 2006, the BC Forest Safety Council has been certifying SAFE organizations in cooperation with WorkSafeBC as a measure to ensure a minimum standard of safety as an organizational priority in all forestry work places.

Certified SAFE organizations perform better by having safety management systems in place that meet regulatory standards to help reduce incidents and injuries, and improve reliability, quality and competitiveness. Being SAFE Certified is simply good business.

In 2019, SAFE Companies continued to support employer safety needs throughout the year, providing training and audit services as well as sharing additional safety resources and best practices. BCFSC Safety Advisors completed 406 in-field verification audits. These verification audits are conducted in-person, in-field to ensure safety performance is consistently integrated into all operations and provides employers with advocacy support.

“We had a site visit from BCFSC Safety Advisor, Jerry Kirouac in June which went very well. Mr. Kirouac was a breath of fresh air in the challenging task of making safety work in a realistic and effective way. I personally believe this was due to his experience as an owner in a large-scale forestry, road-building and transportation company. He treated our office staff, site supervisor and all others involved with professionalism, kindness and supportive recommendations. It was a great use of our time.” - Buff Group of Companies

2019 Milestones:
SAFE Certified
Companies
3,029

BCFSC Safety
Advisors conducted
406 in-field audits
with employers

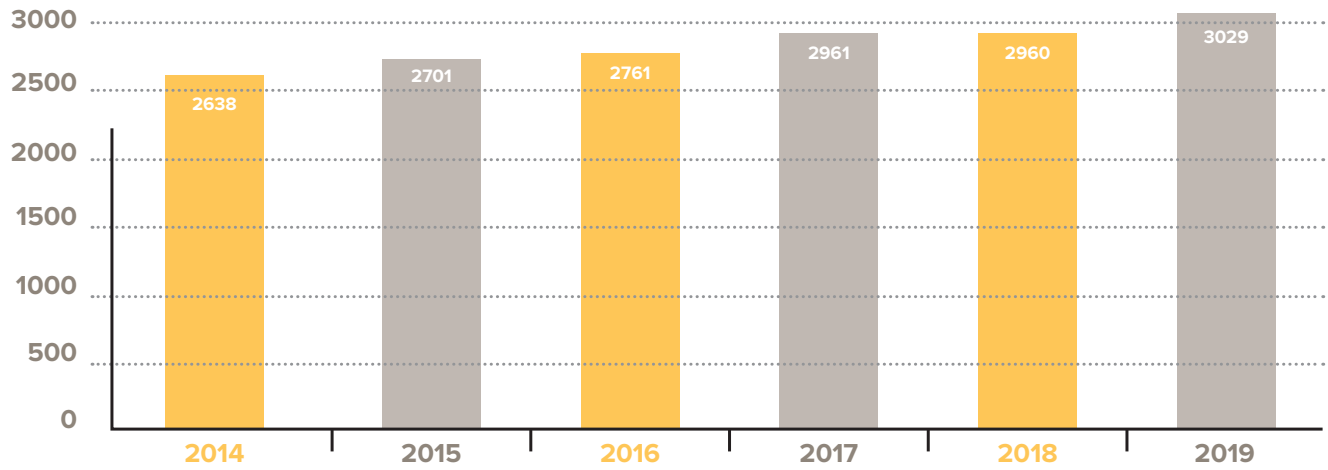
2019 Key Highlights

- Milestone of over 3,000 SAFE Companies certified by December 2019.
- 79% of all SAFE Companies audits were received electronically.
- 100% of BASE audits and SAFE Conversion audits were received electronically.
- Completed design/build for online SAFE Companies audit submission tool rolling out in 2020.
- Built SAFE Companies Individual Owner Operator initial online training.
- Completed online availability for all SAFE Companies training.





SAFE Companies Certifications by Year



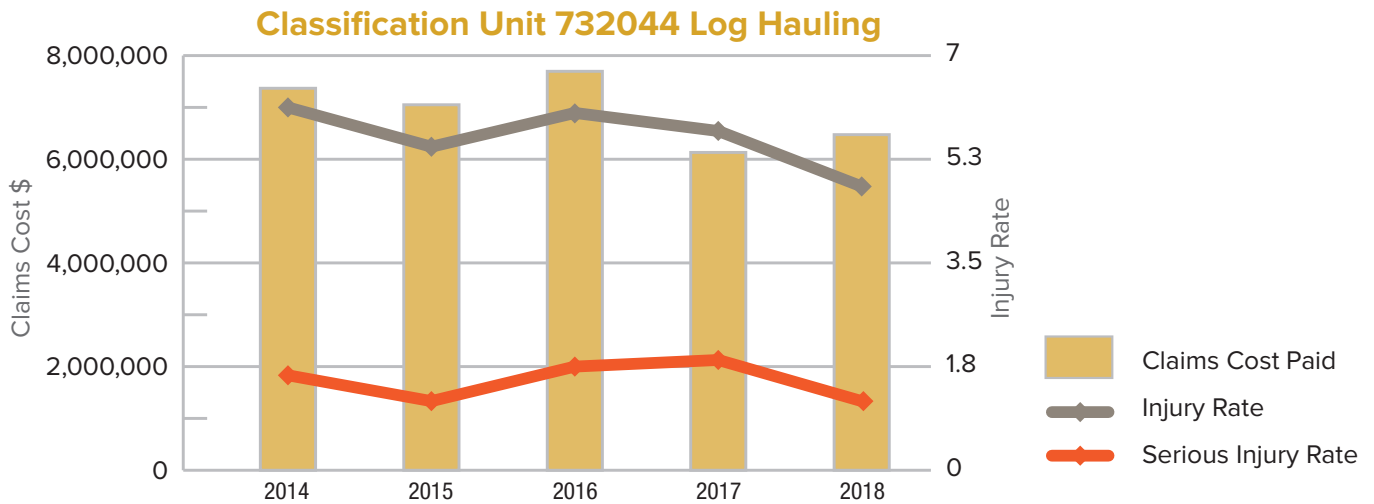
Summary of Activities

Transportation Safety

2018 held the lowest injury rate on record over the last 20 years for log hauling and no work-related deaths reinforcing that collaboration amongst industry is not only effective but instrumental in saving lives. Even more significant is the progress made by industry during the last 5 years where the injury rate for log hauling has decreased by over 20% from 6.1% in 2014 to 4.8% in 2018.

Acknowledging the efforts by those directly responsible for achieving this result is paramount to continued success. Professional log truck drivers are highly skilled men and women that are continually required to control hazards in their day to day operation of a log truck. With challenging conditions that can change throughout the day, vigilance is the key to reducing incidents.

In celebrating the success of the industry in reducing injuries and fatalities, we need to continue our vigilance as we welcome new drivers to the sector. Focusing on log hauling safety and ensuring that those highly experienced vigilant Professional Drivers who are retiring or leaving the industry are replaced with competent well trained drivers will be a significant undertaking.



Five Year Decline
Log Hauling
Injury Rates
↓ **21.3%**

2018 Log Hauling
Injury Rate
—————
lowest recorded
4.8





Summary of Activities

Transportation Safety

In 2019, further progress was made with the implementation of log truck driver competency program. This program was developed using industry experts to identify the skills, knowledge and attributes required in the log hauling profession. The key objectives of these efforts are to:

- Improve safety performance within the log hauling sector.
- Develop drivers that are qualified (skills, knowledge and attributes) to operate logging truck configurations in a range of circumstances across BC.
- Identify and endorse log haulers who currently meet the competencies.
- Provide industry with a “verification process” that assures employers, licensees and the public that endorsed log truck drivers have demonstrated the competencies, and
- Support training with tool and resources to train and evaluate candidates.

Logging Truck
Drivers Endorsed
(2017-2019)
265

Logging Truck
Drivers Trained
(2017-2019)
55

The Resource Road Maintenance Guideline was also updated and finalized based on input from stakeholders following use of the draft guideline during an 18-month pilot period. The purpose of the guidelines is to provide industry with a resource for implementing a road maintenance program that ensures that resource roads are maintained for safe operations. The need for a specific focus on log hauling has been identified as the configurations, weight and maneuverability of log trucks increases the risk of incident when roads are not maintained adequately to provide safe operations.

In February, 2019, a collaborative industry study of the onboard Seeing Machines' Guardian technology showed the in-cab fatigue monitoring and intervention system is effective in recognizing and reducing the duration of distraction driving events. The studies and collaborative industry work efforts helped improve the system's reliability in log hauling and assisted in adjusting its parameters to improve data reliability.

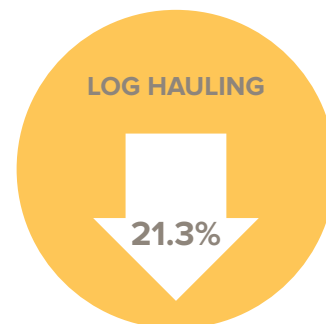
BCFSC conducted a self-reporting seatbelt survey with log truck drivers. The results showed 75% of drivers wear seatbelts, with 25% of drivers admitting they are driving without seatbelt protection. These survey results prompted a 2019 BCFSC advertising campaign to promote seatbelt use in log hauling.

Summary of Activities

Transportation Safety

A series of videos and poster resources to assist log truck drivers with musculoskeletal injuries (MSIs) prevention, identification and management were developed in early 2019 and delivered during industry safety seminars in the spring. The need for these resources arose when industry-shared data showed 20% of log hauling injuries occur while drivers are outside of the cab. In addition, WorkSafeBC's 2019 injury claim data indicated 17% of 2018 injury claims were attributed to ergonomic claims, with 45% of MSI injuries resulting in recoveries greater than 10 weeks. These resources specialized in industrial MSI prevention, treatment and management focussing on knees, lower back, neck and shoulder injury prevention and management as well as safe handling of tire chains and wrappers, and warm up exercises for log truck drivers.

2014 - 2018 Decline in Injury Rates



2019 Key Highlights

The Trucking and Harvesting Advisory Group (TAG)

- Sixteen awareness/training seminars held across BC with over 1,000 attendees.
- Development of log hauling fatigue management best practices.
- Continued work on fatigue intervention technology.
- Engagement and support of Log Truck Driver Training and professional endorsement programs across the province.
- Engagement with Senior Industry Leadership to investigate opportunities to implement consistent application of TAG best practices provincially.

The Log Truck Technical Advisory Committee (LTTAC)

- Delivery of Professional Log Truck Driver Program.
 - » Industry collaboration resulting in recognition of Log Truck Driver Program as preferred curriculum at public training facilities.
 - » Provincial funding provided to Okanagan College for 16 Log Truck Driver Program students including integration of a mentorship program.
 - » Six students Mosaic Forest Management.
- Professional Driver Endorsement.
 - » Thirty drivers professionally endorsed.
- Resource Road Alert Detection System 'RRADS' project.





The Wood Fibre Hauling Safety Group (WFHSG)

- Development of auto-tarping system for chip trucks.
- Commercial Vehicle Safety and Enforcement (CVSE) provides exemption to sector that supports use of auto-tarping systems.
- Auto-tarping systems in use in multiple operations.
- Development and implementation of professional driver training and competency assessment program.

The Air Carrier Safety Working Group (ACSWG)

- Finalized North Star Practices industry standard safety program for float plane/air taxi operations.
- Piloted program with BC Float plane service providers.

The Woodlot License and Community Forest Agreement Safety Committee (WLCFASC)

- Completed the final drafts of an updated safety management system(s) for woodlots and community forests.

The Marine Forest Safety Advisory Group (MFSAG)

- Developed Crew Boat Operator training and assessment program.



Photo courtesy of
Valid Manufacturing Ltd.

www.bcforestsafe.org



Summary of Activities

Falling

The BCFSC focused efforts in 2019 to support continuous improvements in faller safety. Several significant goals were achieved in 2019 through the ongoing commitment of working groups including the Faller Technical Advisory Committee (FTAC) and BCFSC staff to assist the next generation of fallers as they prepare for their careers in forestry and provide supervisors and company owners with tools, materials and processes for effective safety management.

BC Faller Training Standard

In 2019, the BCFSC worked with subject matter experts from harvesting, oil and gas and wildfire as well as members of the FTAC Subcommittee to further enhance the New Faller Training course. The oil & gas sector and BC Wildfire Service have both agreed in principle to adopt the revised program which will promote improved training outcomes for faller trainees and enhance portability of new fallers between sectors.

Improvements to the BC Faller Training Standard include:

- Learning resources that are available online, 24/7 prior to the course start date and throughout the program.
- Learning resources can also be printed in pdf format as well as text to speech.
- Quiz questions imbedded within the learning resources to measure retention.
- Learner centered activities to engage participants.
- Robust assessments throughout the learning period rather than just at time of certification.
- Quality assurance process to support both Trainees and Industry when working in the 31-180 day period.

Work continues on these key items and will be available on the BCFSC website when completed later in 2020.

FTAC Support

The falling department continues to support the initiatives and recommendations of the Falling Technical Advisory Committee. In January of 2019, a survey was distributed to approximately 2,500 BCFSC Certified Fallers. The responses, issues identified by Fallers, were then analyzed and prioritized by an FTAC Subcommittee. These key items helped to shape the 2019/2020 work plans.

The key items identified were:

1. Phase Congestion
2. Emergency Response Plans
3. Support for New Faller Trainees in the 31-180 day period
4. Block Layout
5. Small Crew Supervision

Work continues on these key items and will be available on the BCFSC website when completed later in 2020.

Decline in Injury Rates 2014 - 2018



Decline in Serious Injury Rates over last 3 years



2019 Falling Based Activities Completed	Participants
Faller Certification Challenges	6
New Faller Training Assessments	14
Faller Certification Renewals	2435
Falling Supervisor Certification	8
Falling Advocate Engagements	298





Summary of Activities

Training

In 2019, the BCFSC's training and program development department worked diligently with industry, government and educational institutions to determine resource improvements and development of course content with the best method(s) of delivery that effectively and efficiently supported the needs of industry training participants and students.

2019 Key Highlights

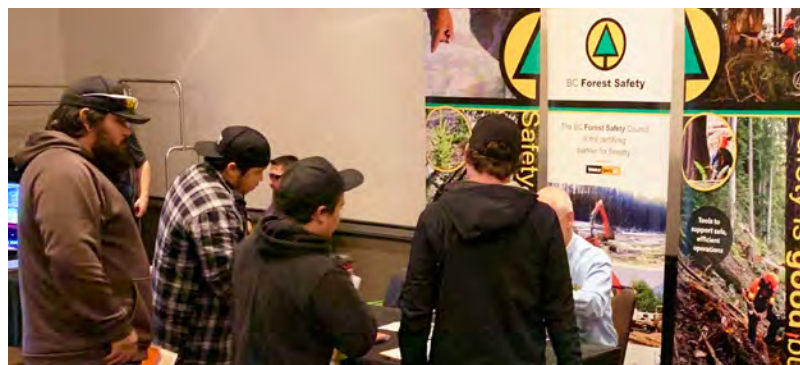
- Launched a 12-week college-based program for entry level forestry worker training. Through strategic alliances with five post-secondary institutions the BC government and the BCFSC, this pilot program offered tuition-free training for a range of forestry jobs.
- Built learning modules, training content and materials deliverable through online courses, webinars, classroom and on-the-job training for competency-based assessments and training.
- Worked with industry subject matter experts on the development of Phase Congestion eLearning and safety resources to address safety risks of Phase Congestion.
- Supported safety in forestry occupations in First Nations communities with a focus on young workers and new workers to the forestry sector through outreach initiatives at Indigenous Career Fairs.
- Increased the number of free webinar courses to help forestry workers maintain safety standards during economic downturn.
- Increased focus on mental health providing resources and information for industry to access to assist those coping with the stress of forestry's economic downturn.
- Co-sponsored a winch assist logging workshop hosting trainers from Canada, New Zealand and the US to share international industry experience with classroom presentations and in-field demonstrations. Video presentations made available on BCFSC You Tube channel for extended access to those unable to attend in person.
- Provided ongoing support to the Silviculture Advisory Committee (SAC) safety initiatives and recommendations. The key outcomes for 2019 were:
 - Safety advocacy work through field visits and in-person meetings with contractors and supervisors to raise awareness of best practices and receive feedback on emerging safety issues.
 - Refining the incident data tracking system and online reporting forms for silviculture contractors and forestry consultants.
 - Develop video and print resources with Total Physiotherapy to promote use of proper technique and practices (taping, rehabilitation and pre-season exercises) to reduce MSIs.
- The Vancouver Island Safety Conference held in October was attended by 352 delegates. This year's topics included:
 - An inspiring presentation from Dr. Mark Devolder on Engaging High-Performance Safety
 - Training for Success in an Evolving Environment from VIU
 - An overview from WorkSafeBC on the fundamental success of Industry Collaboration
 - A presentation from Vancouver Island Counselling on the prevalence of Mental Health Issues in the Workplace
 - A personal perspective on Substance Abuse and Addiction Recovery from Dr. Ray Baker
 - And a thought-provoking lecture from Jennifer Sparks on being Happy on Purpose





There was a decline in participant levels in 2019 likely due to decreased industry activity levels in the forestry sector. 1,574 participants took training courses in 2019.

2019 Training Courses	Participants
Individual Owner Operator (IOO)	91
IOO Refresher	3
IOO - Refresher Computer Based Training (CBT)	55
Small Employer Occupational Health & Safety (SEOHS)	71
SEOHS - CBT (NEW Delivery Method)	261
SEOHS Refresher	17
SEOHS – Refresher CBT	214
Internal Auditor	25
Internal Auditor Refresher	23
External Auditor Refresher	88
MAG - Auditor Workshop (New)	8
SAFE Conversion - BC Construction Safety Alliance CBT	5
SAFE Conversion - Energy Safety Canada CBT	3
Conflict of Interest CBT	1
Forest Safety Overview CBT	54
Basic Incident Investigation	97
Serious Incident and Fatality Investigation (Online)	35
Joint Health & Safety Committee	61
Forest Supervisor	138
Falling Supervisor	54
Basic Chainsaw Operator	117
Resource Road Light Truck Driver	83
Professional Log Truck Driver Endorsement Program	30
New Faller Training	12



Summary of Activities

Manufacturing Advisory Group (MAG)

The BCFSC supports the Manufacturing Advisory Group (MAG) by assisting industry to achieve continuous improvement in safety performance across the BC Forestry Manufacturing Industry. Safety is the priority and MAG's core goal is to achieve workplace environments free of injuries, incidents and near miss events by sharing best practices, resources and knowledge to protect workers and maintain workplace safety.

In September, the MAG group held their meeting at the West Fraser sawmill in Quesnel. Attending MAG members were given a tour and demonstration of West Fraser's newly implemented electronic safety controls on their cantor line. MAG worked together to find a practical solution to a common kinetic hazard in the industry.

"Having sawmill employers share information on incidents and near misses provides an opportunity for the entire industry to prevent future incidents highlighting that there is no competition in safety" said Scott Wynn, Regional Safety Supervisor with Tolko Industries. "When we share best safety practices, we support a quest for zero incidents so that every worker may go to work each shift and return home safely to his/her family and community."

The new MAG-SAFE audit tool was launched in 2019 consisting of 10 Fundamental Elements and a rotation of High Risk Modules that are aligned with WorkSafeBC's High Risk Strategy. The audit tool was developed over a period of 18 months with MAG company representatives, BCFSC staff, subject matter experts, and experienced manufacturing sector external auditors.

"Our Gorman Group Lumber mill in Westbank was the third mill to participate in the audit tool pilot and I couldn't be happier with the audit process and rigor." said David Murray, Corporate Safety, HR and Environment Manager at Gorman Group.

MAG launched the completed Planer Safeguarding project in February 2019. The project was developed to improve safety performance using a Control System Isolating Device. The safeguarding technology uses an engineering control as an alternate lockout control to minimize or eliminate personal injury in wood products manufacturing.

"Technology improvements in safeguarding such as this bring real safety benefits to sawmills and other manufacturing facilities. This project is an example of what is possible when industry and WorkSafeBC partner together to reduce risk for BC workers," said Mike Tasker, CRSP, Occupational Safety Officer, Prevention Field Services, WorkSafeBC.

2019 Key Highlights

- First year with MAG-SAFE risk-based audit implementation.
- Implemented sharing process of lessons learned with weekly Manufacturing Safety Alerts created from industry incidents.
- Developed weekly Manufacturing Crew Talks around safety discussion topics.

Crew Talk



EMERGENCY PREPAREDNESS WHEN THE ALARM SOUNDS

- 1 TAKE THE DRILL SERIOUSLY, ONE DAY IT MAY SAVE YOUR LIFE
- 2 KNOW WHAT TO DO FOR EACH EMERGENCY (FIRE, EARTHQUAKE, MEDICAL EMERGENCY, CHEMICAL SPILL, ETC.)
- 3 KNOW YOUR ESCAPE ROUTES FROM YOUR WORK AREA AND OTHER AREAS OF THE OPERATION
- 4 NEVER GO BACK INTO THE BUILDING UNTIL GIVEN THE OK
- 5 PROVIDE FEEDBACK AFTER THE DRILL TO MAKE YOUR WORKSITE SAFER

BC Forest Safety
Safety is good business

BC FOREST SAFETY COUNCIL | 420 ALBERT STREET, NANAIMO, BC V9R 2V7 | T: 1-877-741-1060 | BCFORESTSAFE.ORG





Summary of Activities

Wood Pellet Association of Canada (WPAC)

WPAC was created to improve the wood pellet industry's collective safety performance with a focus on earning a reputation as an industry leader in managing workplace safety. The members of WPAC work together with a mission to instill a strong safety culture by openly sharing information and resources for the continuous improvement of safety and best practices.

2019 Key Highlights

- Wood Products Safety Summit held in Prince George in June 2019 with nearly 100 attendees from the wood pellet, wood panels and sawmill industries, as well as some international guests.
- Completion of Risk Mitigation Practices for Wood Fibre Storage and Combustible Gas
- Partnered with WorkSafeBC to develop Process Safety Management training and resources.



Photo courtesy of Pinnacle Renewable Energy





Summary of Activities

2019 Leadership in Safety Awards



Presented each year at the annual Vancouver Island Safety Conference, these three awards recognize individuals for their contributions in supporting safety in the workplace and their outstanding safety achievements.

Cary White Memorial Lifetime Achievement Award for Commitment to Safety Excellence

- Recipient Ron Judd.

Nominated by the Coast Harvesting Advisory Council (CHAG) for his long-standing career to supporting safety in the forestry sector, Ron was a well-deserved recipient of this award. As an Occupational Safety Officer with WorkSafeBC for the past 29 years, his dedication to working diligently with employers in solving challenging safety issues and training safety officers to strive for safety excellence has been invaluable.



Most Valuable Player Award for Manufacturing

- Recipient Darren Beattie.

Nominated by the Manufacturing Advisory Group (MAG) for his outstanding contributions to MAG and his commitment to safety in the workplace. Darren has an extensive career in forestry with each role dedicated to improving safety and health protection measures for employees.



Most Valuable Player in Forestry

– Recipient Aaron Frost

Recognized for his wealth of safety experience in forestry, Aaron has been instrumental in developing innovative safety training programs and practices that have been adopted by many employers over the years. Throughout his life, Aaron has been devoted to safety both in work and life and has made significant contributions to his community as a search and rescue leader, volunteer firefighter and as a member of several safety advisory groups.





5 Financials



Statement of Financial Position: For the year ended December 31, 2019

The BCFSC is financially sound and in a strong financial position with cash and equivalents sitting at \$1.65 million net of restricted amounts compared to \$1.94 million in 2018. Meyers Norris Penny completed an independent financial report which resulted in a clean financial audit opinion that met fiduciary responsibility and did not require follow-ups.

	2019	2018
Assets		
Current		
Cash (Note 3)	\$ 1,646,496	\$ 1,936,099
Accounts receivable	31,894	171,916
Goods and services taxes receivable	21,327	58,044
Prepaid expenses	164,388	129,860
Deposits	6,949	6,949
Externally restricted cash (Note 3)	207,337	384,751
	2,078,391	2,687,619
Capital assets (Note 4)	712,394	515,039
Internally restricted cash (Note 3)	603,560	603,560
	3,394,345	3,806,218
Liabilities		
Current		
Accounts payable and accruals	201,447	715,460
Deferred contributions (Note 5)	695,746	713,564
Deferred contributions - other projects (Note 6)	207,337	384,751
	1,104,530	1,813,775
Commitments (Note 7)		
Net Assets		
Unrestricted	973,861	873,844
Invested in capital assets	712,394	515,039
Internally restricted (Note 8)	603,560	603,560
	2,289,815	1,992,443
	3,394,345	3,806,218



Statement of Operations: For the year ended December 31, 2019



	2019	2018
Revenues		
WorkSafeBC	\$ 5,669,691	\$ 6,048,614
Program Fees	570,845	825,686
Other government grants	297,247	103,462
Sponsorship and other	97,905	68,663
Interest and other	64,389	57,241
	6,700,077	7,103,666
Expenses		
Amortization	41,073	32,225
Bank charges and interest	19,994	18,459
Communication	102,073	94,667
Computer	197,284	137,030
Consultants	29,799	32,246
Contractors	472,472	780,826
Conventions and conferences	172,868	124,259
Directors and committee meetings	164,389	154,179
Employee benefits	599,292	519,034
Facilities and catering	39,935	66,203
General administration	191,264	200,636
Instruction materials	33,894	50,123
Professional fees	17,140	22,501
Project development	857,286	942,916
Rent, utilities, telephone and repairs	191,686	189,764
Salaries and wages	2,884,238	2,836,576
Travel	331,320	307,328
Vehicle	56,698	69,710
	6,402,705	6,578,682
Excess of revenue over expenses before other items	297,372	524,984
Gain on disposal of capital assets	-	8,693
Excess of revenues over expenses	297,372	533,677

REVENUES

2019: \$6,700,077

2018: \$7,103,666

EXPENSES

2019: \$6,402,705

2018: \$6,578,682

6

Industry Safety Advisory Groups



Industry safety working groups are the backbone of the BCFSC's programs and business plans. Without the leadership, guidance, time and expertise that members provide, industry would not benefit from the many programs and initiatives that support injury reduction and improved safety performance.

Thank you to all who serve to make the workplaces of BC's forest harvesting, sawmill and pellet manufacturing the safest they can be.



Air Carrier Safety Working Group

Vince Crooks - Wilderness Seaplanes
Eric Scott - Harbour Air Seaplanes
Jim Hartwell - Float Plane Operators Association
Gary Bauer - Interfor and CHAG member
Nick Hawes - Lakes District Air Services
Bruce McDonald - Inland Air
Bob Bates - SeaAir Seaplanes

Wood Fibre Hauling Safety Group (WFHSB) previously known as Bulk Haulers Injury Elimination Taskforce (BHIET)

Matt Cook, Arrow Transportation Systems Inc.
Annie Horning, Excel Transportation
Mike Grimm, Lomak
Tim Bumby, D. Jones Trucking
Brian Carr, Sutco
James Gelowitz, Canfor
Paul Manwarring, M4 Enterprises
Russell Klassen, Valley Carriers
Stuart Foster, DCT Chambers Trucking
Dean Jardine, Elite

Coast Harvesting Advisory Committee (CHAG) Working Team

Craig Fredrickson, Mount Sicker Lumber Company and TLA Representative
Kevin Playfair, KDL Group and TLA Representative
Bill Nelson, Holbrook Dyson and TLA Representative
Kent Horsely, Western Canadian Timber Products and TLA Representative
Jason Cox, United Steelworkers (USW)
Norm McLeod, United Steelworkers (USW)
Craig Tilander, Ministry of Forests, Lands and Natural Resource Operations & Rural Development
Derek Nelson, Western Forest Products
Aaron Racher, Mosaic Forest Management
Ralph Friedrich, Interfor
John Shearing, Mosaic Forest Management

Log Truck Technical Advisory Committee (LTTAC)

Greg Calibaba, RCMP
Wes Dyck, John Dyck Trucking
Peter Bueckert, J. Bueckert Logging Ltd.
Chris Schaap, Casco Holdings Ltd
Ron Judd, WSBC
Seamus Parker, FP Innovations
John Wiebe, John D Contracting Ltd
Vern Woods, Vern's Ventures
Dave Barden, Barden Contracting Ltd
Melinda Morben, Mosaic Forest Management
Greg Munden, Munden Ventures
Jan Lansing, Commercial Vehicle Inspections and Standards

continued on next page...





Safety Groups cont...



Falling Technical Advisory Committee (FTAC)

Aaron Steen, Licensee Coast Representative
Chris Spronken, BC Wildfire Service Representative
Clay Govett, Licensee Interior Representative
Conor Pierce, Independent Coastal Faller
Creole Dufour, Small Contractor (Faller) Interior Faller
Dave Weymer, Western Fallers Association Faller
Doug Harrison, Interior Contractor Representative
Francois Sauve, Western Forestry Contractors Association (silviculture) Representative
Gary Bauer, Licensee Coast Representative
Gunnar Wigard, Large Falling Contractor
Jack Miller, Union Rep or Union Faller (with falling background)
Jordan Nicolussi, Large Falling Contractor
Mark Turnbull, Certified Utility Arborist (CUA) Representative
Mike Davidson, Coastal Independent Faller
Neil Campbell, QS/T Interior Faller
Richard Butler, QS/T Coast Faller
Tom Jackson, Ministry of Forests, Lands and Natural Resource Operations & Rural Development
Steve Kerrone, Large Logging Contractor
Terry Greaves, Small Contractor (Faller) Coast Faller
Todd Chamberlain, Interior Logging Association (ILA)
Rob Pridge, Coastal Independent Faller
Wade Schalm, Small Contractor (Faller) Interior Faller

Observers (ex-officio members)

Roger Harris, Forest Safety Ombudsman
Darcy Moshenko, WorkSafeBC Industry & Labour Services
Terry Anonson, WorkSafeBC Prevention Services

Manufacturing Advisory Group (MAG)

Chelsea Meyer, Kalesnikoff Lumber
Daniel Ruzic, Lana Kurz, Interfor
Marla Nicol and Kristen Gammel, Conifex
Daryl Davidson, John Stirling, Pacific Bioenergy
David Murray, Gorman Bros.
Jeff Larsen, Jason Cerenzie and Carrie Harilstad, Weyerhaeuser
Derek Nelson and Mary Forster, Western Forest Products
Troy Withey, West Fraser Mills
Grace Cox, Canfor
Randi Zurowski, Carrier Lumber
Ruben Gaytan, Ian Gray and Joe Angyus, Hampton Affiliates
Marsha Bell and Scott Wynn, Tolko
Steven Mueller, Pinnacle Renewable Energy
Tony Mogus, Dunkley Lumber
Tristan Anderson, Coastland Wood
Grant Fast, Sinclair Group Forest Products Ltd.

MAG CEO Steering Team

Don Kayne, Canfor
Ray Ferris, West Fraser
Ken Shields, Conifex
Brad Thorlakson, Tolko Industries Ltd.
Don Demens, Western Forest Products Inc.
Fred Dzida, Weyerhaeuser

continued on next page...



Safety Groups cont...



Chris Kalesnikoff, Kalesnikoff Lumber
 Jeff Bromley, United Steelworkers
 Greg Stewart, Sinclair Group Forest Products Ltd.
 William Kordyban, Carrier Lumber
 Rob Novak, Dunkley Lumber Ltd.
 Steve Zika, Hamptom Affiliates
 Nick Arkle, Gorman Bros. Lumber Ltd.
 Andrew Horahan, Interfor
 Dave Lehane, BCFSC Board Chair and MAG Facilitator



Marine Forest Safety Advisory Group (MFSAG)

Aaron Frost, Strategic Natural Resource Consultants Inc.
 Brian Beaudry, Brinkman
 Gary Bauer, Interfor
 Glenn Budden, Transportation Safety Board
 Don Wilson, Silver King Ventures
 Rick Viventi, Arrow
 Sanjay Gupta, Transport Canada
 Timo Scheiber, Western Forestry Contractor Assoc.
 Tom Jackson, Ministry of Forests, Lands and Natural Resources Operations and Rural Development; and BC Timber Sales

SAFE Companies Advisory Committee (SCAC)

Ann Marie Baron, Lemare Group of Companies
 Kevin Birch, B&B Tree Topping
 Valerie Dettwiler, Griffon Safety Solutions Ltd.
 Kim Edmondson, M. Edmondson Contracting
 Deb McPhee, Larry's Heavy Hauling (1990) Ltd.
 Paula Moore, Platinum Stone Contracting Ltd.
 Wendy Sherman, Gudeit Bros. Contracting Ltd.
 J.E. (Ward) Stamer, Stamer Energy Resources
 Dennis Thideman, Edynamics
 Derek Nelson, Western Forest Products
 Norm Druck, Weyerhaeuser
 Tom Jackson, Ministry of Forests, Lands and Natural Resource Operations & Rural Development
 Dr. Jordan Tesluk, Independent researcher
 Rommel Dela Resma, WSBC Observer



Photo courtesy of CANFOR

BC Safe Forestry Program - Silviculture Advisory Committee (SAC)

Robin C. McCullough, Brinkman Reforestation
 Ryan Zapisocki, Windfirm Resources
 Chris Akehurst, A and G Reforestation
 Simon Hall, Spectrum Resource Group
 Brian Beaudry, Brinkman Reforestation
 Dave Cornwell, Ministry of Forests, Lands and Natural Resource Operations and Rural Development
 Dr. Jordan Tesluk, Independent Researcher
 Tim Tchida, Summit Reforestation Ltd.
 Jason Krueger, Summit Reforestation Ltd.
 Aaron Frost, Strategic Natural Resource Consultants
 Chris Runnals, BC Timber Sales
 John Betts, Western Forestry Contractors' Association (WFCA)
 Sylvia Fenwick-Wilson - Zanzibar Holdings Ltd.
 Tim Pryde, WorkSafeBC
 Tom Pawlowski, WorkSafeBC

continued on next page...



Safety Groups cont...



Trucking and Harvesting Advisory Group (TAG) Task Team

Dave Kent, Weyerhaeuser
Erik Kok, Interfor
Craig Tilander, BC Timber Sales
Jeffrey Rensmaag, Conifex
Jerry Mooney, Tolko
Ken Pedersen, Canfor
Ron Volansky, R&A Logging
Mark Cookson, West Fraser Mills
Shawn Clarke, Gorman Bros. Lumber Ltd.
Vern Woods, Log Truck Technical Advisory Committee
John Shearing, Mosaic Forest Management
Dorian Dereshkevich, Sinclair Group

TAG Steering Team

Barry Gladders, Tolko
Craig Tilander, BC Timber Sales
Andrew McLellan, Conifex
Mark Cookson, West Fraser Mills
TBD, Truck Loggers Association
Larry Price, Interfor
Nick Arkle, Gorman Bros Lumber Ltd.
Peter Baird, Canfor
Todd Chamberlain, Interior Logging Association
Bruce McLean, Sinclair Group

Woodlot and Community Forest Safety Advisory Committee (WLCFSAC)

Bill Golding, Wetzin'kwa Community Forest Corp.
Dave Gill, West Bank First Nation Community Forest
Dave Lasser, Sunshine Coast Community Forest
Gary Hanson, Woodlot Licensee/Smithers
Ken Dodd, Woodlot Licensee
Rick Walters, Woodlot Owner/Williams Lake

Wood Pellet Association of Canada Safety Committee (WPACSC)

Brad Sampson, BioPower Sustainable Energy Corp
Chris Cloney, Dust Safety Science
Chris Zuberec, BFL Canada
Colin Jones, Logistec Stevedoring
Corey Gardner, Tolko Industries
Daryl Davidson and John Stirling, Pacific BioEnergy
Fahimeh Yazdanpanah and Shahab Sokhansanj, UBC - Biomass and Bioenergy Research Group
Frank Wall and Marc Fontaine, Premium Pellet Ltd.
Gary Johnston, Skeena Bioenergy Ltd.
Gary Sihota, Mid-South Stolberg Group
Glen Visser, Aon Reed Stenhouse
Gordon Murray, Wood Pellet Association of Canada
Grace Cox, Jimmy Boudreau and Mike Adams, Canfor
Greg Rye, West Fraser
Jeff Johnston, Pinnacle Renewable Energy
Jeff Mycroft, Fike Canada Inc.
Jessica Overton, Foothills Forest Products Inc.

Photo: Richard Shultz

continued on next page...



Photo courtesy of CANFOR

Safety Groups cont...



- John Arsenault, Quebec Wood Export Bureau
- John Swaan, FutureMetrics
- Karen Blomme, Princeton Standard Pellet Corporation
- Kevin Ericsson, Cariboo Biomass
- Lori Saretsky, West Fraser
- Miles Wright, Great Northern Timber
- Nathan Bond, Skeena Bioenergy Ltd.
- Nicholas MacGougan, J.D. Irving
- Phillipe Landry and Serge Sirois, J.D. Irving, Limited
- Darrell Robinson, Rene Landry and Robert Boyd, Shaw Resources
- Richard White, Princeton Standard Pellet Corporation
- Rob Irwin, Vanderwell Contractors (1971) Ltd.
- Scott Bax and Steven Mueller, Pinnacle Renewable Energy
- Sean Raymond and Yves Crits, La Granaudiere
- Sheldon Wheeler, Canfor
- Veselin Milosevic, Great Northern Timber

Forest Industry Forum – Harvesting Technical Working Group

- Ken Pedersen, TAG Representation
- John Betts, Western Forestry Contractors' Association
- Brian Henderson, Richard Arnason, Ed Kent and Brian Butler, United Steelworkers
- John Shearing, CHAG Representation
- Mary Forster, Western Forest Products
- Budd Phillips, WSBC Representation
- Don Schouten, WSBC Representation
- Jessica Bergland, WSBC Representation
- Terry Anonson, WSBC Representation
- Tom Pawlowski, WSBC Representation
- Ed Lee, WSBC Representation
- Tim McCarthy, WSBC Representation

Forest Industry Forum - Manufacturing Technical Working Group

- Randi Zurowksi, Carrier & MAG member
- David Murray, Gorman Bros. & MAG member
- Scott Wynn, Tolko & MAG member
- Steve Mueller, Pinnacle & WPAC member
- Paul French and Ed Kent, United Steelworkers
- Ryan Freeman, Canfor and Pulp & Paper
- Tom Pawlowski, WSBC Representation
- Barry Nakahara, WSBC Representation
- Don Schouten, WSBC Representation
- Sylvie Stekelenburg, WSBC Representation
- Ed Lee, WSBC Representation
- Jessica Berglund, WSBC Representation
- Mike Tasker, WSBC Representation
- Lori Guiton, WSBC Representation
- Megan Martin, WSBC Representation



**EVERY
FORESTRY
WORKER
GOES HOME SAFE
EVERY DAY**



BC Forest Safety

Safety is **good** business

www.bcforestsafe.org

Photo: Richard Shultz