

Effectiveness Measures - Q4/2020 Reports

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Page	TOPIC	DESCRIPTION	EFFECTIVE DATE	x of Year
Prevention Changes				
1	Amended Stop Work Orders Policy	The policy statements in the Prevention Manual around stop work orders were amended on an interim basis applying to all inspections occurring on and after May 27, 2015 until the end of December 31, 2015, relating to amendments to the Workers Compensation Act. After stakeholder consultation, the interim policies were finalized on December 16, 2015 and made effective on January 1, 2016.	May 27, 2015	6 of 8
2	Preliminary Incident and Full Incident Investigations Policies Approved	Policy in the Prevention Manual around employer incident investigations was amended on an interim basis applying to all inspections occurring on and after May 27, 2015 until the end of December 31, 2015, relating to amendments to the Workers Compensation Act. The revised sections each require an employer to ensure that a report of the preliminary investigation and a report of the full investigation is prepared in accordance with the policies of the Board of Directors. After stakeholder consultation, the interim policies were finalized on December 16, 2015 and made effective on January 1, 2016.	May 27, 2015	6 of 8
3	OHS Penalty Policies	On January 26, 2016, the Board of Directors approved changes to the OHS Penalty Policies, following consultation in the fall of 2015. These include: a) Overall changes to streamline, clarify, and update existing policies. b) Changes to penalty amount calculations to make penalties more proportionate relative to an employer's size and the seriousness of the circumstances. The following policies were amended: a) D12-196-1 OHS Penalty Criteria b) D12-196-3 Transfer of OHS History c) D12-196-6 OHS Penalty Amounts d) D24-73-1 Claims Cost Levies In addition Policy D8-160-1 (First Aid - Special Rate of Assessment) was deleted. The policy changes apply to all violations on and after March 1, 2016.	March 1, 2016	5 of 6
4	Flow piping systems	On March 30, 2017, the Board of Directors approved amendments to the OHS regulations. The amendments would eliminate the need for variance requests related to the flow piping restraint issue and also ensure clarity with the other provisions in section 23.69 relating to flow piping systems.	August 1, 2017	4 of 4
5	Asbestos inventory	On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 6.4 - Asbestos inventory The proposed amendments would ensure asbestos inventories are completed for all workplaces with asbestos-containing materials. As a result, the risk assessments based on these inventories would be accurate. This would prevent workers from being inadvertently exposed to asbestos fibres.	May 1, 2017	4 of 6
6	Lead	On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 6.59.1 to 6.69 - Lead This section applies to workplace where a worker is or may be: (a) engaged in a lead process, or (b) exposed to potentially harmful levels of inorganic lead dust, fumes or mists. The amendments would provide greater clarity on how to handle lead and prevent worker exposure to lead.	May 1, 2017	4 of 4
7	Respirable crystalline silica and rock dust	On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 6.110 to 6.112.7 - respirable crystalline silica and rock dust Sections 6.112 to 6.112.7 apply to a workplace where a worker is or may be: (a) engaged in the silica process, or (b) exposed to potentially harmful levels of RCS dust. The proposed amendments would likely prevent RCS dust exposures from becoming an occupational health and disease issue like asbestos in the decades to come, which may contribute to preventing and minimizing worker exposure.	May 1, 2017	4 of 6
8	Construction, excavation and demolition - Notice of Project	On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 20.2 - notice of project The amendments would result in an increase in the number of construction projects involving asbestos/lead abatement work and similar activities requiring NOPs to be submitted to WorkSafeBC. In turn, officers would be more aware of construction projects involving hazardous substances. There should be an increase in the number of inspections by officers of construction sites where workers may be exposed to asbestos, lead or other substances presenting a significant risk for occupational disease.	May 1, 2017	4 of 6
Compensation Changes				
9	Infection Caused by Communicable Viral Pathogens	On July 22, 2020, the Board of Directors approved amendments to Schedule 1 of the Workers Compensation Act to add a presumption for infections caused by communicable viral pathogens, which are the subject of a B.C.-specific emergency declaration or notice.	August 20, 2020	1 of 3
10	Acupuncture	On July 22, 2020, the Board of Directors approved policy amendments regarding acupuncture. The Board determines whether it will pay for acupuncture treatment as part of an injured worker's claim. The Board's approval of acupuncture treatment includes direction on the number of authorized treatment visits. Generally, the Board limits payment to a maximum of eight treatment visits unless otherwise stated in any current Board contract and/or fee schedule in place at the time of service delivery.	September 1, 2020	1 of 3

OHS Penalty Policies

TOPIC/PART	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS														
<p>On January 26, 2016, the Board of Directors approved changes to the OHS Penalty Policies, following consultation in the fall of 2015.</p> <p>These include:</p> <ul style="list-style-type: none"> a) Overall changes to streamline, clarify, and update existing policies. b) Changes to penalty amount calculations to make penalties more proportionate relative to an employer's size and the seriousness of the circumstances. <p>The following policies were amended:</p> <ul style="list-style-type: none"> a) D12-196-1 OHS Penalty Criteria b) D12-196-3 Transfer of OHS History c) D12-196-6 OHS Penalty Amounts d) D24-73-1 Claims Cost Levies <p>In addition Policy D8-160-1 (First Aid - Special Rate of Assessment) was deleted.</p> <p>The policy changes apply to all violations on and after March 1, 2016.</p>	March 1, 2016	The initial effectiveness measure will count the number of penalties imposed and the value imposed to give an average value of each penalty imposed. Over time, additional information will be added as it becomes available.														
Reporting:																
<input type="checkbox"/> One Time Report <input checked="" type="checkbox"/> Multiple Reporting Years: 5 of 6 yrs (2016 - 2021)																
<p style="text-align: center;">Average Penalty Imposed</p> <table border="1"> <thead> <tr> <th></th> <th>2015</th> <th>2016</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>2020 YTD Sep</th> </tr> </thead> <tbody> <tr> <td>Average Penalty Imposed</td> <td>\$13,371</td> <td>\$15,570</td> <td>\$24,065</td> <td>\$15,350</td> <td>\$22,761</td> <td>\$20,241</td> </tr> </tbody> </table>				2015	2016	2017	2018	2019	2020 YTD Sep	Average Penalty Imposed	\$13,371	\$15,570	\$24,065	\$15,350	\$22,761	\$20,241
	2015	2016	2017	2018	2019	2020 YTD Sep										
Average Penalty Imposed	\$13,371	\$15,570	\$24,065	\$15,350	\$22,761	\$20,241										
2016 Discussion:																
It is too early to establish the effectiveness of this change.																
2017 Discussion:																
For 2017, the penalty amounts has a larger increase per penalty on the average since the policy change in 2015. This is an indication that penalties are more proportionate relative to an employer's size and the seriousness of the circumstances. There were 368 penalties imposed in 2016 and approximately the same number of penalties is expected for 2017 (293 YTD).																
2018 Discussion:																
For 2018, the penalty amounts on average continues to be higher than 2015 when the policy changed. This is an indication that penalties are more proportionate relative to an employer's size and the seriousness of the circumstances. There were 339 penalties imposed in 2017 and approximately the same number of penalties is expected for 2018 (280 YTD).																
2019 Discussion:																
For 2019, the penalty amounts has increased per penalty on the average since the policy change in 2015. This is an indication that penalties are more proportionate relative to an employer's size and the seriousness of the circumstances. There were 371 penalties imposed in 2018 and the number of penalties is expected to increase for 2019 (321 YTD). The highest net penalty imposed in 2019 YTD is \$662,102 compared to \$169,235 in 2015 when the policy became effective.																
2020 Discussion:																
The average penalty imposed for 2020 is anticipated to relatively consistent with 2019. There were 447 penalties imposed in 2019, and 316 for 2020 YTD.																
2016 Conclusion:																
Next reporting Q4-2017.																
2017 Conclusion:																
Next reporting Q4-2018.																
2018 Conclusion:																
Next reporting Q4-2019.																
2019 Conclusion:																
Next reporting Q4-2020.																
2020 Conclusion:																
Next reporting Q4-2021.																

Flow Piping Systems

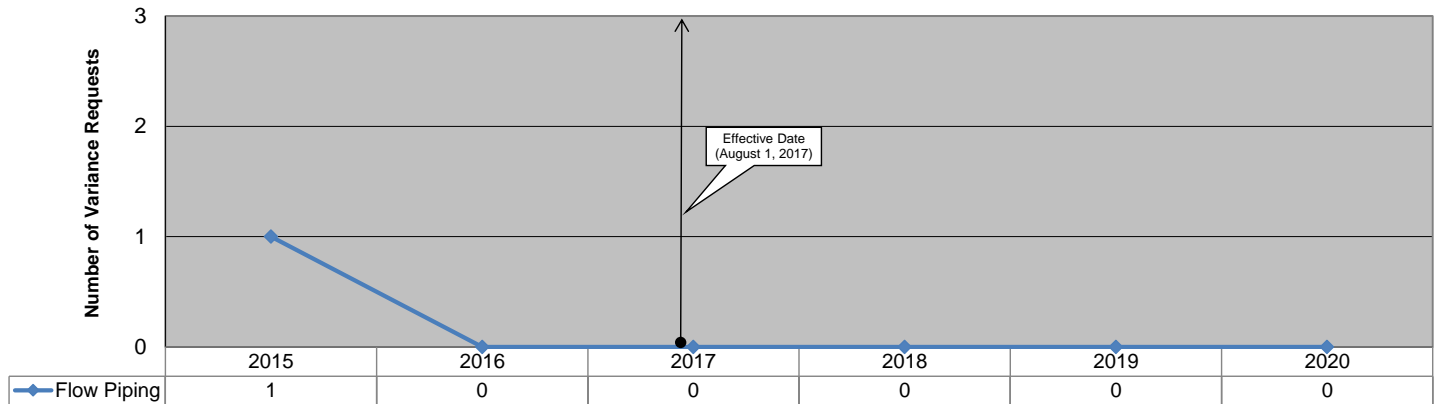
TOPIC	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
<p>On March 30, 2017, the Board of Directors approved amendments to the OHS regulations.</p> <p>The amendments would eliminate the need for variance requests related to the flow piping restraint issue and also ensure clarity with the other provisions in section 23.69 relating to flow piping systems.</p>	August 1, 2017	The effectiveness measure will count the number of variance requests, there should be a decrease in requests related to the flow piping restraint issues.

Reporting:

☐ One Time Report☒ Multiple Reporting Years:

3 of 3 yrs (2018 - 2020)

Flow Piping Systems

2017 Discussion:

It is too early to establish the effectiveness of this change.

2018 Discussion:

Since the start of the regulatory amendment project for flow piping in 2015, stakeholders were aware that changes were coming. This explains why there has not been any variance requests related to the flow piping restraint issue.

2019 Discussion:

Prevention confirms that there has not been any record of any variance requests related to the flow piping restraint issue since 2015.

2020 Discussion:

Prevention confirms that there are no records of any variance requests related to the flow piping restraint issue.

2017 Conclusion:

Next reporting Q4-2018.

2018 Conclusion:

Next reporting Q4-2019.

2019 Conclusion:

Next reporting Q4-2020.

2020 Conclusion:

Last reporting period.

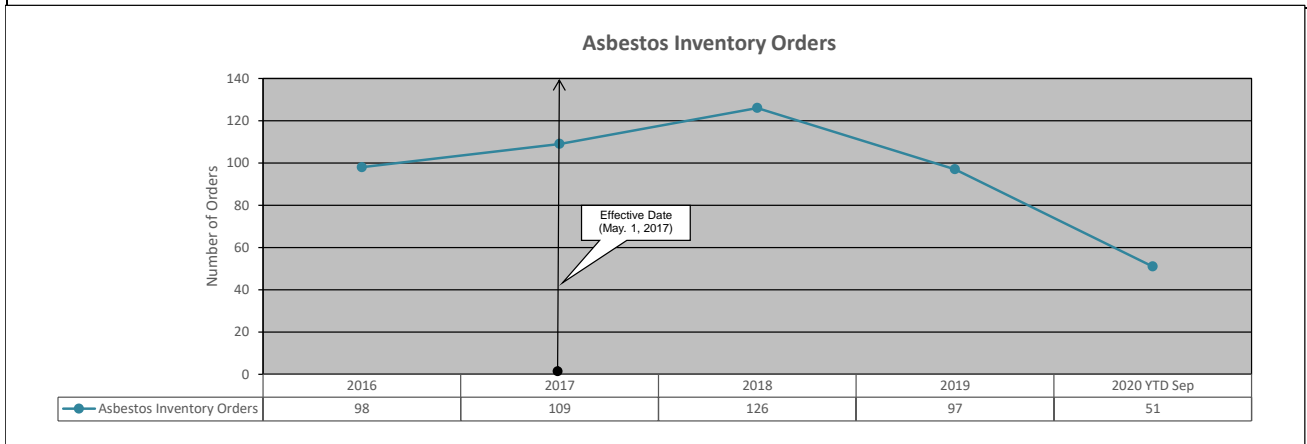
Asbestos Inventory

TOPIC/PART	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
<p>On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 6.4 - Asbestos inventory</p> <p>The proposed amendments would ensure asbestos inventories are completed for all workplaces with asbestos-containing materials. As a result, the risk assessments based on these inventories would be accurate. This would prevent workers from being inadvertently exposed to asbestos fibres.</p>	May 1, 2017	A review of inspection reports and orders would help determine if asbestos inventories are being completed as required.

Reporting:

☐ One Time Report☒ Multiple Reporting Years:

4 of 6 yrs (2017 - 2022)

**2017 Discussion:**

It is too early to establish the effectiveness of this change.

2018 Discussion:

The number of asbestos inventory orders have increased since implementation of the policy change as Officers are looking for compliance in asbestos inventory. It is expected over the next few years once awareness has increased, the number of orders for asbestos inventories will decline as employers complete their asbestos inventory.

2019 Discussion:

As part of the 2019 occupational disease strategy, WorkSafeBC continue with an enforcement initiative aimed at reducing exposure to asbestos during cleaning, maintenance, repair, and renovation work in commercial buildings. The focus was inspection of previously inspected multi-location employers to ensure asbestos management programs are implemented and maintained at other locations. The decrease in orders issued YTD 2019 September under Section 6.4 suggests that clarification of the regulation requirements along with targeted prevention activities have had an effect on lowering non-compliance in employers.

2020 Discussion:

The number of orders for asbestos inventory has decreased in 2019, and it is anticipated that 2020 will have less orders than 2019. The amendments, continued targeted prevention efforts have increased compliance.

2017 Conclusion:

Next reporting Q4-2018.

2018 Conclusion:

Next reporting Q4-2019.

2019 Conclusion:

Next reporting Q4-2020.

2020 Conclusion:

Next reporting Q4-2021.

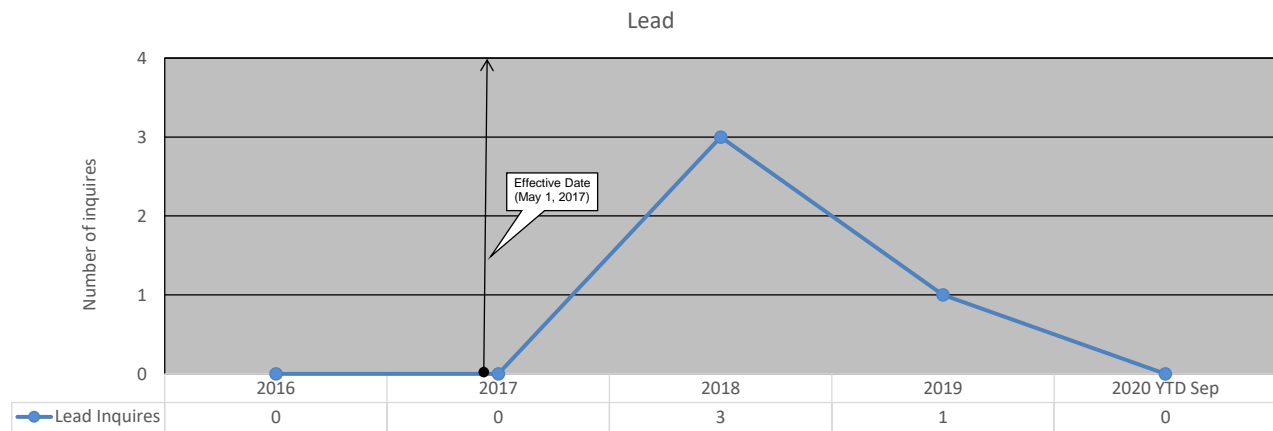
Lead

TOPIC/PART	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
<p>On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 6.59.1 to 6.69 - Lead</p> <p>This section applies to workplace where a worker is or may be:</p> <p>(a) engaged in a lead process, or</p> <p>(b) exposed to potentially harmful levels of inorganic lead dust, fumes or mists.</p> <p>The amendments would provide greater clarity on how to handle lead and prevent worker exposure to lead.</p>	May 1, 2017	Review anecdotal evidence from regulatory practices and prevention field services about questions related to this section. Questions on this issue should decrease over time.

Reporting:

☐ One Time Report☒ Multiple Reporting Years:

4 of 4 yrs (2017 - 2020)

**2017 Discussion:**

It is too early to establish the effectiveness of this change.

2018 Discussion:

Prevention Services have received fewer questions in total.

2019 Discussion:

Anecdotal evidence suggests that there are significantly fewer inquiries relating to the lead regulations due to increased clarity in the regulation. The remaining inquiries to Prevention Practice & Quality on this issue are more complex. One claim has been accepted in 2019 related to Lead exposure, it is expected that through amendments to the OHS regulation that the number of claims arising from this section will decrease over time as efforts are taken to minimize and prevent exposure through prevention activity.

2020 Discussion:

Prevention Practice & Quality have reported that there have been no questions on lead as of September 2020.

2017 Conclusion:

Next reporting Q4-2018.

2018 Conclusion:

Next reporting Q4-2019.

2019 Conclusion:

Next reporting Q4-2020.

2020 Conclusion:

Last reporting year.

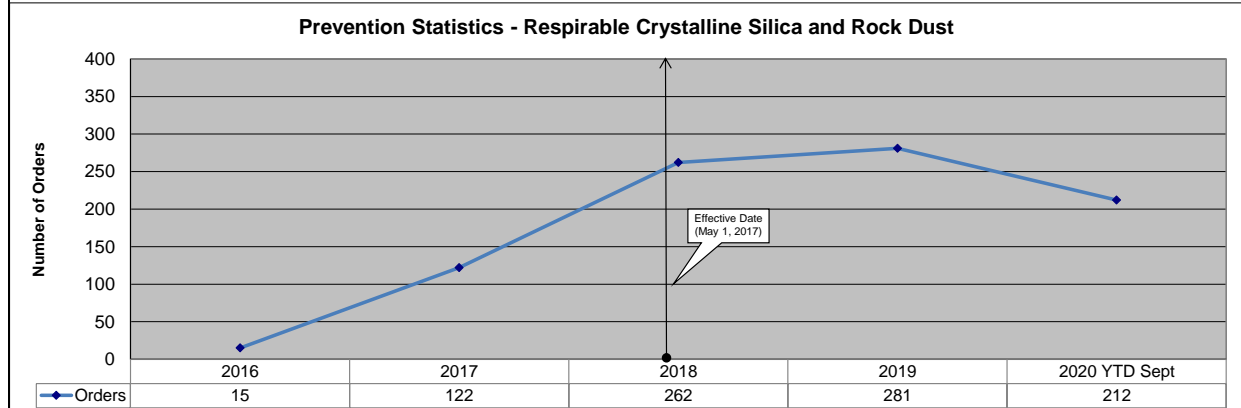
Respirable Crystalline Silica and Rock Dust

TOPIC/PART	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
<p>On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 6.110 to 6.112.7 - respirable crystalline silica and rock dust</p> <p>Sections 6.112 to 6.112.7 apply to a workplace where a worker is or may be:</p> <p>(a) engaged in the silica process, or</p> <p>(b) exposed to potentially harmful levels of RCS dust.</p> <p>The proposed amendments would likely prevent RCS dust exposures from becoming an occupational health and disease issue like asbestos in the decades to come, which may contribute to preventing and minimizing worker exposure.</p>	May 1, 2017	<p>An additional effectiveness measure added in 2018 on silica dust order numbers.</p> <p>Claim volumes on silicosis claims could be monitored as an effectiveness measure.</p>

Reporting:

☐ One Time Report☒ Multiple Reporting Years:

4 of 6 yrs (2017 - 2022)

**2017 Discussion:**

It is too early to establish the effectiveness of this change.

2018 Discussion:

Figures in the graph above are as of September 2018. It is expected that by the end of 2018, the number of orders issued to employers relating to compliance with Silica and rock dust exposure will increase compared to 2017 as there are more prevention activity due to increase awareness from the amendments. This in turn should contribute to preventing and minimizing worker exposure.

It is still too early to report on silica claim statistics due to the long latency of silica exposure. It is anticipated that the number of claims arising from this section will decrease over time as efforts are taken to minimize and prevent exposure.

2019 Discussion:

Prevention activity continues which is reflected in the increase in orders issued related to silica and rock dust. There have been 2 accepted claims related to silica and rock dust YTD 2019. However, due to the long latency of silica exposure the policies effectiveness would not impact silica claim statistics in the short term. It is anticipated the number of claims arising from this section will decrease over time as efforts are taken to minimize and prevent exposure through prevention activity.

2020 Discussion:

The number of orders issued continue to increase since the policy amendments in 2018. The effectiveness of the policy is uncertain in the short term due to latency of silica exposure. Since 2016 to YTD 2020, there have been 7 accepted claims for silica exposure, it is anticipated that through prevention activity, exposure will be minimized and claims will decrease over time.

2017 Conclusion:

Next reporting Q4-2018.

2018 Conclusion:

Next reporting Q4-2019.

2019 Conclusion:

Next reporting Q4-2020.

2020 Conclusion:

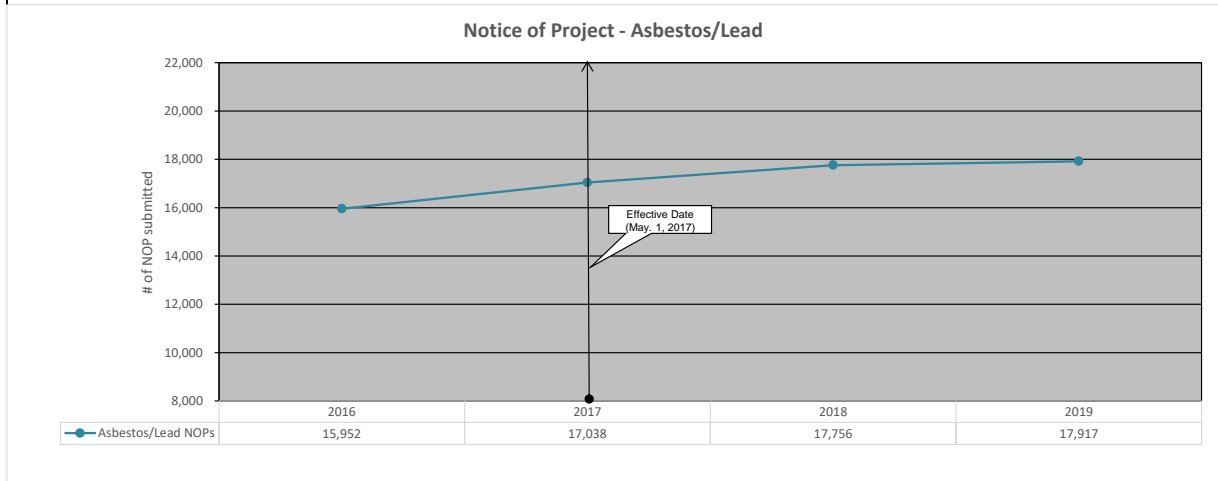
Next reporting Q4-2021.

Construction, Excavation and Demolition - Notice of Project

TOPIC/PART	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
<p>On January 25, 2017, the Board of Directors approved amendments to the OHS regulations. Section 20.2 - notice of project</p> <p>The amendments would result in an increase in the number of construction projects involving asbestos/lead abatement work and similar activities requiring NOPs to be submitted to WorkSafeBC. In turn, officers would be more aware of construction projects involving hazardous substances.</p> <p>There should be an increase in the number of inspections by officers of construction sites where workers may be exposed to asbestos, lead or other substances presenting a significant risk for occupational disease.</p>	May 1, 2017	The measure would be a review of numbers inspections and orders that would help determine if NOPs are being submitted as required.

Reporting:☐ One Time Report☒ Multiple Reporting Years:

4 of 6 yrs (2017 - 2022)

**2017 Discussion:**

It is too early to establish the effectiveness of this change.

2018 Discussion:

As anticipated, the number of Notice of Project(NOPs) submitted for Asbestos/Lead projects have increased since the amendments were implemented. It is anticipated that the number of NOPs submitted in 2018 will be higher than 2017 base on the actual number of NOPs submitted year to date. Asbestos prevention activity level has also gone up year over year as Officers are more aware of construction projects that involve hazardous substances.

2019 Discussion:

The numbers of Notice of Project(NOPs) submitted for Asbestos/Lead projects continue to increase year over year since the amendments were implemented. Orders are issued to employers where a NOP was not submitted as a means to effect behaviour change. 540 orders have been issued year to date under section 20.2.

2020 Discussion:

The number of Notice of Project in 2020 is anticipated to be consistant with the last few years, with slight increase over 2019. The number of inspections have increased in 2020, however the number of orders under section 20.2 have decreased since 2018. This suggests that the amendments have been effective.

2017 Conclusion:

Next reporting Q4-2018.

2018 Conclusion:

Next reporting Q4-2019.

2019 Conclusion

Next reporting Q4-2020.

2020 Conclusion

Next reporting Q4-2021.

Infection Caused by Communicable Viral Pathogens

TOPIC	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
On July 22, 2020, the Board of Directors approved amendments to Schedule 1 of the Workers Compensation Act to add a presumption for infections caused by communicable viral pathogens, which are the subject of a B.C.-specific emergency declaration or notice.	August 20, 2020	Claims would be accepted under Schedule 1 presumption for COVID-19 and other diseases caused by communicable viral pathogens.

Reporting:

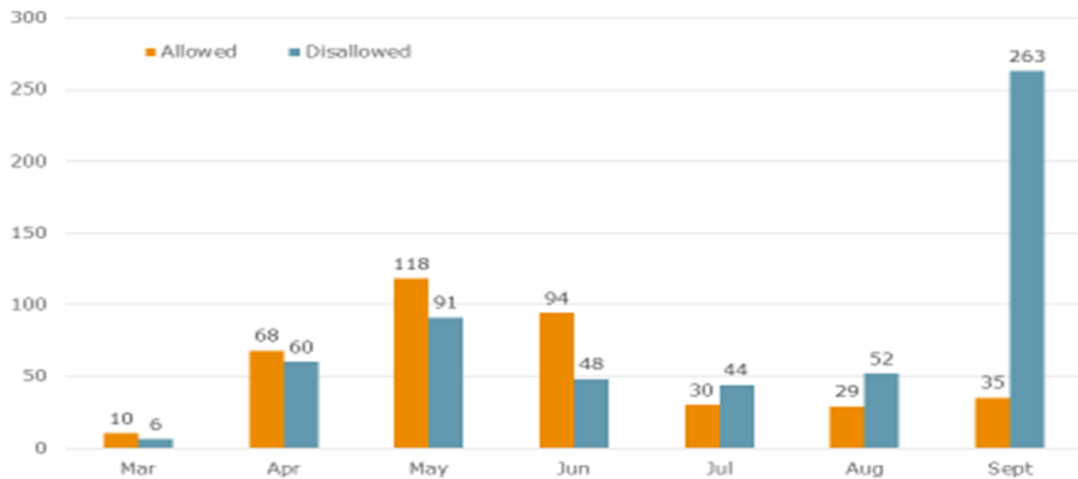
☐ One Time Report☒ Multiple Reporting Years:

1 of 3 yrs (2020-2022)

COVID-19 Illness Claims

Allowed and Disallowed claims

by claim eligibility decision month

**2020 Discussion:**

The graph shows the number of COVID-19 illness claims that have been allowed or disallowed up to the end of September.

The large influx of claims in September and the unusually high proportion of disallowed claims largely reflect one positive COVID-19 case, with numerous workers potentially exposed, tested and required to quarantine as a preventative measure.

The disallowed claims are largely workers who did not develop COVID-19 (as evidenced by test results or symptom clusters). With testing more widely available, a higher proportion of disallowed claims are now confirmed with a negative test result.

For a small proportion of disallowed claims, the worker potentially developed COVID but the claim was disallowed – either because there was no exposure in the workplace or there was not sufficient evidence to establish that the worker had COVID-19.

2020 Conclusion:

Next reporting Q4-2021.

Acupuncture

TOPIC	EFFECTIVE DATE	MEASUREMENT OF EFFECTIVENESS
<p>On July 22, 2020, the Board of Directors approved policy amendments regarding acupuncture.</p> <p>The Board determines whether it will pay for acupuncture treatment as part of an injured worker's claim. The Board's approval of acupuncture treatment includes direction on the number of authorized treatment visits. Generally, the Board limits payment to a maximum of eight treatment visits unless otherwise stated in any current Board contract and/or fee schedule in place at the time of service delivery.</p>	September 1, 2020	<p>There are two effectiveness measures for the policy amendments to Acupuncture:</p> <p>1) The measurement of a) the coverage time period for acupuncture, and b) amount of acupuncture treatments claimed by workers; and</p> <p>2) measured by comparing workers' return to work for:</p> <p>a. workers using acupuncture either alone or concurrent with other health care modalities, and</p> <p>b. workers not using acupuncture.</p>
Reporting:		
<input type="checkbox"/> One Time Report <input checked="" type="checkbox"/> Multiple Reporting Years: 1 of 3 yrs (2020-2022)		
<p><u>2020 Discussion:</u></p> <p>It is too early to establish the effectiveness of this change.</p>		
<p><u>2020 Conclusion:</u></p> <p>Next reporting Q4-2021.</p>		