



The Steel Company of Canada

**Lake Erie Works
Community Liaison Committee Meeting
Site-Specific Standard Q1 2020**

13 May 2020

Site-Specific Standard Order (Particulates): Performance Review – During Rehabilitation Project

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Limits (July 2 start)	54%	2%	NA
2016 Limits	32%	2%	NA
2017-2019 Limits	10%	2%	5%
2020 Limits	5%	1%	4%
Jan 1 – Mar 31, 2020 Range (Average)	0.0 – 12.50% (4.98%)	0.0 – 1.32% (0.04%)	2.30 – 15.79% (9.98%)

Daily Measurements Performed 2020

- All weekdays, except for holidays
- 1 Saturday
- 1 Sunday

Jan 1 to Mar 31 Operational Adjustments

- 63 operational adjustments for offtakes
- 12 operational adjustments for doors
- 2 operational adjustments for lids

These results not reflective of typical performance due to on-going significant battery rehabilitation.



Site-Specific Standard Order (Particulates): Performance Review – 30 Day Rolling Averages During Rehabilitation Project

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)	Charging (sec) (log avg)
2015 Limits (July 2 start)	38%	0.8%	25%	12 sec
2016 Limits	22.5%	0.8%	15%	12 s
2017-2019 Limits	7%	0.8%	4.2%	12 s
2020 Limits	4%	0.4%	2.5%	12 s
Jan 1 – Mar 31, 2020 Range (Average)	3.86 – 6.89% (5.32%)	0.00 – 0.18% (0.08%)	7.57 – 10.78% (9.38%)	5.9 – 7.79s (6.7 s)

January 1 – March 31, 2020 Performance

- Ministry of Environment has approved Stelco's plan to minimize emissions during rehabilitation program

These results not reflective of typical performance due to on-going significant battery rehabilitation.



Site-Specific Standard Order (Particulates): Performance Review – Daily Observations – During Rehabilitation Project

Date	Pushing Emission (opacity %)
2015 Limit (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
2020	≥ 30%
Jan 1 – Mar 31, 2020 Range (Average)	0 – 73.33% (7.36%)

January 1 – March 31, 2020 Operational Adjustments

- 2 operational adjustments for this period (patching holes in Oven #42 and increasing gas flow to oven #30)

These results not reflective of typical performance due to on-going significant battery rehabilitation.

Site-Specific Standard Order (Particulates): Performance Review – Additional Items

- There were no community complaints for the period of Q1 2020 related to the Site-Specific Standard
- Additional
 - 1 odour inquiry – root cause: utilization of temporary blast furnace slag granulator when permanent granulator was under repair
- MECP to provide verbal comments

LEW Coke Battery Rehabilitation Status Update

- Original end-flue repair project scope
 - Idle one half of battery to conduct repairs while other half continues to operate; then repair other half
- Since then, Company Management is evaluating various alternatives to completely overhaul the entire battery through-walls and flues
 - This would create longer-term benefits to coke battery operational and environmental performance
- As a result of COVID-19, Stelco has determined to postpone the battery rehabilitation project. It expects to be in a position to re-evaluate the project in early 2021.
- Meanwhile, focus is on applying best management practices to minimize leaks for the one half of battery currently operating
 - Management plan to be submitted to Ministry of Environment

Blast Furnace Re-line

- We continue to prepare for a 75-day blast furnace outage for a full reline of the blast furnace, currently scheduled Q3 2020.
 - Company expects to increase annual hot metal capacity by up to 300 thousand net tons
- Management is actively monitoring the COVID-19 pandemic to determine whether we will be able to complete the planned full-scope of the blast furnace reline with sufficient labour resources in a safe and secure manner
 - In the event the progression of COVID-19 or other market conditions may prevent us from carrying out the complete reline, we expect to pursue a phased approach, whereby a 50-day partial reline would be undertaken in Q3 2020
- During the blast furnace outage, we expect to purchase semi-finished and potentially finished products for conversion during the period in order to continue to meet our customer's needs.

Next CLC Meeting

The next CLC meeting is scheduled for Aug. 12.



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Thank You.

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