



The Steel Company of Canada

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# Hamilton Works Community Liaison Committee Meeting Q3 2020

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4 November 2020

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# Agenda

1. Introductions
2. General Update
3. Performance under O.Reg. 419/05 Site Specific Standard Order – Particulates
4. Coalfield Dust Management Update
5. Community Feedback
6. Proposed 2021 Meeting Dates
7. Adjournment

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# Site-Specific Standard Order (Particulates): Performance Review – Daily

Date	Doors (% Leaks)	Lids (% Leaks)	Off-takes (% Leaks)
2015 Thresholds (July 2 start)	54%	2%	NA
2016 Thresholds	32%	2%	NA
2017-2019 Thresholds	10%	2%	5%
2020 Thresholds	5%	1%	4%
July – Sept Range (Average)	0 – 6.72% (1.82%)	0 – 1.23% (0.14%)	0 – 2.50% (0.23%)

## Daily Measurements Performed YTD

- Weekdays, except for holidays
- 7 Saturdays
- 6 Sundays

## July 1 – Sept. 30 Operational Adjustments

- Patching of oven door leaks
- Sealing of lid leaks

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

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
July – Sept Range (Average)	1.28 – 2.38% (1.85%)	0.09 – 0.20% (0.14%)	0.16 – 0.50 (0.30%)	2.17 – 3.48s (2.79s)

## July 1 – Sep. 30 Performance

- In compliance with 2020 limits

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# Site-Specific Standard Order (Particulates): Performance Review – Daily Observations – Pushing Emissions

Date	Pushing Emission (opacity %)
2015 Limit (July 2 start)	$\geq 50\%$
2016 – 2018	$\geq 50\%$
2019	$\geq 40\%$
2020	$\geq 30\%$
July – Sept Range (Average)	0 – 33.33% (12.94%)

## July – Sept Operational Adjustments (1 exceedance)

- Cleaning of risers and orifices
- Heating adjustments

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

- There were no community complaints to report
- MECP to provide verbal comments

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# Coal Field Dust Management Update

## Goal

- Improved dust management on Stelco's Coal Storage Dock

## Background

- Dust control was with mobile water tankers that kept the coal piles wet with water sprays.

## Solution

- Fixed sprinkler system
- Effective trial with 2 sprinklers in 2019.
- Installation of 12 sprinklers in 2020.



## Result

- More consistent wetting of the coal pile to avoid dry areas that would be prone to blow-off in high winds.

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# Community Feedback



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# Proposed 2021 Meeting Dates

- Wed. Jan. 27, 2021
- Wed. Apr. 28, 2021
- Wed. July 28, 2021
- Wed. Oct. 27, 2021



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**Thank You.**

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