



The Steel Company of Canada

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**Lake Erie 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. Road Dust Management Update
5. Pig Iron Caster Project Update
6. Community Feedback
7. Proposed 2021 Meeting Dates
8. Adjournment

# Site-Specific Standard Order (Particulates): Performance Review – Daily During Rehabilitation Project (Jul – Sept 2020)

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%
Jul 1 – Sept 30, 2020 Range (Average)	0.0 – 5.56% (1.22%)	0.0 – 2.94% (0.07%)	0.00 – 5.88% (1.22%)

## Daily Measurements Performed YTD 2020

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

## Jul 1 to Sept 30 Operational Adjustments

- 5 operational adjustments for offtakes
- 4 operational adjustments for doors
- 2 operational adjustments for lids

*These results may not reflect typical performance due to significant, ongoing battery rehabilitation.*



# Site-Specific Standard Order (Particulates): Performance Review – 30 Day Rolling Averages During Rehabilitation Project (Jul – Sept 2020)

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
Jul 1 – Sept 30, 2020 Range (Average)	0.43 – 1.59% (1.11%)	0.00 – 0.14% (0.05%)	0.87 – 1.61% (1.24%)	0.0 – 8.27s (5.59s)

## Jul 1 – Sept 30, 2020 Performance

- In compliance with year 2020 limits

*These results may not reflect typical performance due to significant, ongoing battery rehabilitation.*



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# Site-Specific Standard Order (Particulates): Performance Review – Daily Observations – During Rehabilitation Project (Jul - Sept 2020)

Date	Pushing Emission (opacity %)
2015 Threshold (July 2 start)	$\geq 50\%$
2016 – 2018	$\geq 50\%$
2019	$\geq 40\%$
2020	$\geq 30\%$
Jul 1 – Sept 30, 2020 Range (Average)	0 – 70.00% (6.53%)

## July 1 – September 30, 2020 Operational Adjustments

- 3 operational adjustments related to cleaning underfiring system and increasing heat output.

*These results may not reflect typical performance due to significant, ongoing battery rehabilitation.*

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

- There were no community complaints for the period of Q3 2020 related to the Site-Specific Standard
- MECP to provide verbal comments

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# Dust Management: In-Plant Roads



In early 2020 Stelco purchased a Tymco Regenerative Sweeper Truck for year-round road dust control. The vacuum action of this unit requires no water, allowing for use in freezing temperatures that traditional sweepers cannot operate in.

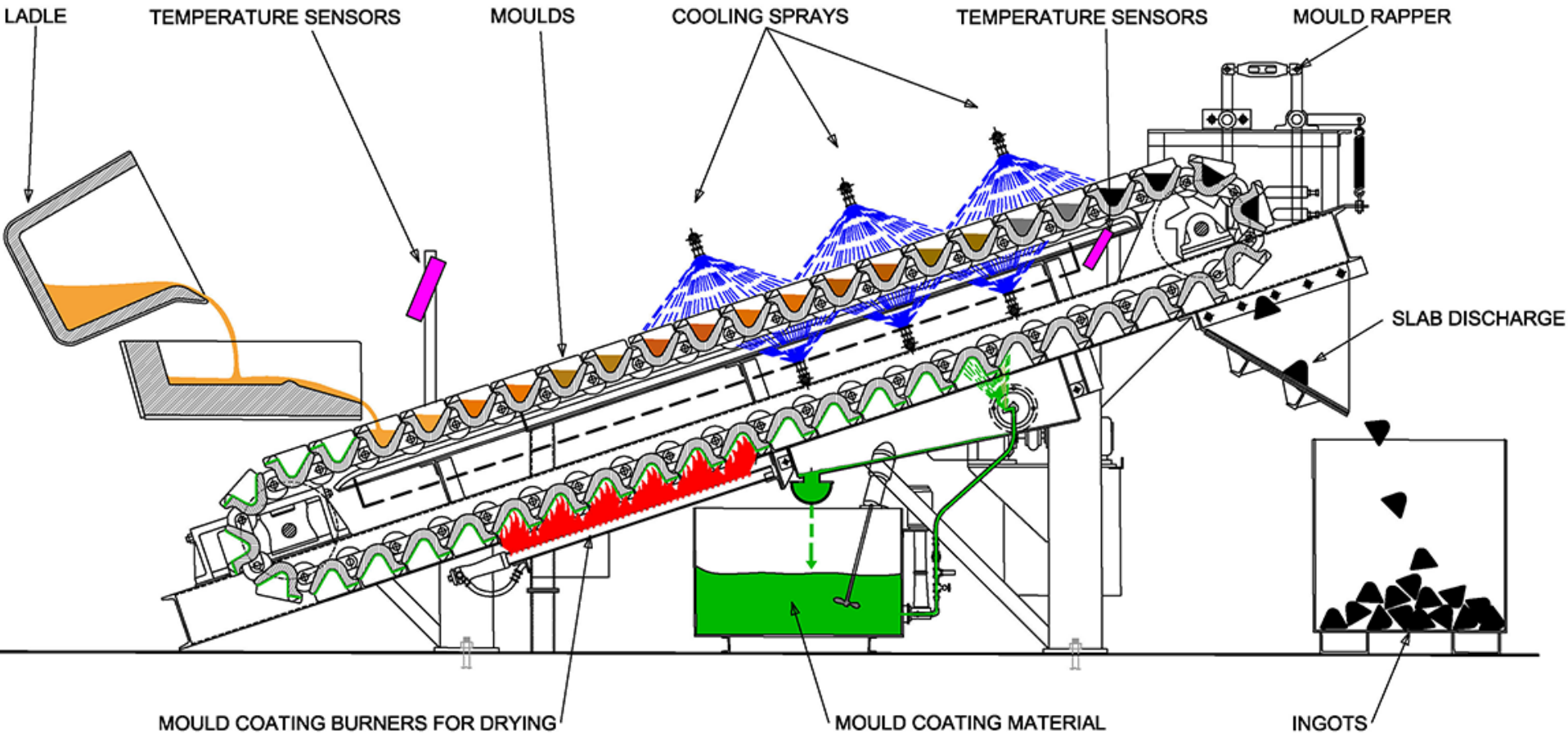
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# Pig Iron Caster

- Construction nearly complete on a new pig casting facility, which is anticipated to be operational by the end of 2020
- Broadens Stelco's product mix and operational flexibility by allowing us to compete in the value-added pig iron market
  - Facility will be capable of producing over 1 million net tons of pig iron annually
- State of the art 8-cell pulse jet style baghouse will serve as emission control for the new facilities as well as the existing kish building







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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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