



The Steel Company of Canada

Hamilton Works Community Liaison Committee Meeting

12 June 2019

Agenda

1. Welcome and Safety Contact
2. Review and Approval of Agenda
3. Review and Approval of Minutes of 21 March 2019
4. Performance under O.Reg. 419/05 Site Specific Standard Order – Particulates
5. Climate Change Update
6. Community Concerns
7. Adjournment

Know Your Emergency Exits

Review Evacuation Routes of
the room you are located in



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

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%
Mar 1- May 31, 2019 Range (Average)	0 – 13.87% (0.45%)	0 – 1.03% (0.15%)	0 – 3.85% (0.31%)

Daily Measurements Performed YTD

- All weekdays, except for holidays
- 5 Saturdays
- 5 Sundays

Mar 1 – May 31 Operational Adjustments

- Pressure surge after recalibration of faulty pressure transmitter

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
Mar 1 – May 31, 2019 Range (Average)	0.02 – 0.74% (0.33%)	0.02 – 0.23% (0.13%)	0.21 – 0.51% (0.33%)	4.13 – 8.4 s (6.99 s)

Mar 1 – May 31, 2019 Performance

- In compliance with 2019 limits

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

Date	Pushing Emission (opacity %)
2015 Limit (July 2 start)	≥ 50%
2016 – 2018	≥ 50%
2019	≥ 40%
2020	≥ 30%
Mar 1 – May 31, 2019 Range (Average)	0 – 40% (9.87%)

Mar 1 – May 31, 2019 Operational Adjustments

- Cleaned orifices and buss flues of affected oven

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

- Community Complaint:
 - March 12, 2019
 - Visible emission from coke ovens
- Stelco Review:
 - The coke ovens battery had recently completed maintenance waterwashing of underfiring system
 - Lower temperatures experienced shortly after completion of maintenance work → temporarily affected coking temperature
- Corrective Action:
 - Supplement battery heating with natural gas

Additional Update

- Community Complaint:
 - May 3, 2019
 - Odour
- Stelco Review:
 - Scheduled maintenance work at By-Products Plant
- Corrective Action:
 - Reviewed other approaches to isolations and shut downs of part of the By-Products Plant

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

- MECP to provide verbal comments

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Federal Climate Change

- Comprised of 2 main components:
 - Carbon levy on fossil fuels (solid, liquid, gaseous) – came into effect April 1
 - Output Based Pricing System (OBPS)
- Both components have a carbon cost of \$20/tonne CO₂e in 2019; increase by \$10 annually until \$50/tonne CO₂e in 2022
 - Covers Ontario, Saskatchewan (partial), Manitoba, New Brunswick, Nunavut and Yukon; Alberta?

Draft Output Based Pricing System (OBPS)

- OBPS will be imposed on a facility's greenhouse gas (GHG) emissions that exceed the allowable emissions level based on output based standards
- Final OBPS regulation yet to be published – retroactive to Jan. 1, 2019
- Compliance options (availability of some options will vary):
 - Federal surplus credits (proportional to the difference between facility's reported emissions and the allowable emissions level)
 - Offsets (limited)
 - Pay the excess emissions charge
- Revenue intended to support future climate initiatives in the jurisdictions in which the revenue is raised – details TBD

Court Challenges

- Ontario, Saskatchewan and Manitoba governments challenging constitutionality of federal carbon pricing backstop
- Saskatchewan court case took place in February 2019
 - SK Court of Appeal has ruled in favour of Federal government
 - SK government to appeal to Supreme Court of Canada (joined by Alberta)
- Ontario court case took place in April 2019
 - 4 days of hearing
 - Awaiting ruling

Ontario – Emissions Performance Standards

- Part of provincial government's plan to achieve 30% GHG reduction below 2005 emissions by 2030
- Sector-based performance standards
- Compliance mechanisms:
 - Payments for any emissions in excess of the performance standard
 - Compliance units - for the portion of emissions that are below the standard
 - Offsets
- Emissions reduction fund to support new reduction technologies
- Aiming for program to be in place by Summer 2019 and have it apply to emissions as of Jan. 1, 2019
- Ontario Carbon Trust – estimated \$350 million to leverage private capital at a 4:1 ratio for investment in clean technologies

Batch Anneal

Commissioning phase:

- Individual components of the equipment are being tested to ensure they operate properly when the plant begins production.
- Production will begin slowly later in June, 2019 and continue to increase until full production is achieved in September, 2019.

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Proposed 2019 CLC Meeting Dates

Thurs. March 21

Wed. June 12

Wed. Sept. 18

Wed. Dec. 11

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Thank You.

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