



The Steel Company of Canada

Hamilton Works Community Liaison Committee Meeting Q2 2020

12 August 2020

Agenda

1. Introductions
2. COVID-19 Update
3. Performance under O.Reg. 419/05 Site Specific Standard Order – Particulates
4. Environmental Compliance Approval Application
5. Community Feedback
6. Next Meeting
7. Adjournment

COVID-19 Update

- On-going vigilant efforts at Stelco, continually monitoring changes in best practices and regulations, and their impact on the safety of our employees, our operations and our customers and suppliers
- Examples:
 - Employees working from home where feasible and only essential contractors and visitors allowed into the facilities to reduce exposure
 - Restrictions on travel & face-to-face meetings
 - Regular communication with contractors, trucking companies & pre-screening visitors
 - Increased cleaning and disinfecting of areas as well as supplies
 - Increased hand sanitizer and additional portable hand washing stations throughout the facilities
 - Enforcing physical distancing and managing jobs with proper PPE or physical barriers where distancing isn't possible
 - Staggering shift start times, breaks and lunches, and changing schedules to reduce risk of exposures
 - Requirement to wear face protection (masks) when physical distancing can't be maintained
- Continued monitoring of Public Health recommendations, industry best practices, and ongoing review of new products and technology that is being offered during COVID-19

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%
Apr – June Range (Average)	0 – 7.3% (1.2%)	0 – 1.0% (0.2%)	0 – 3.8% (0.5%)

Daily Measurements Performed YTD

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

Apr. 1 – June 30 Operational Adjustments

- 1 operational adjustment: Prescheduled oven door maintenance and cleaning campaign in May

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
Apr – June Range (Average)	0.30 – 2.00% (0.93%)	0.09 – 0.21% (0.16%)	0.08 – 0.73 (0.40%)	2.64 – 5.88s (4.15s)

Apr. 1 – June 30 Performance

- In compliance with 2020 limits

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	$\geq 30\%$
Apr – June Range (Average)	0 – 30.00% (6.96%)

Apr – June Operational Adjustments (1 exceedance)

- Cleaning of risers and orifices
- Heating adjustments

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

- There were no community inquiries received during this period
- MECP to provide verbal comments

Environmental Compliance Approval Application

Background

- Stelco Hamilton built a new Wastewater Treatment Plant (WWTP) in 2010 for water from the Coke Oven Battery and By-Products Plant
- The WWTP is a combination biological and chemical treatment that removes phenolic compounds, solids and PAHs, cyanide and fluoride from the water
- The WWTP discharges to the City of Hamilton's WWTP through the sewer system

Risk

- Ruetgers utilizes Stelco by-product tar for further processing
- If the Ruetgers WWTP has problems for any reason, and cannot process their wastewater, it is possible that they could no longer receive Stelco material
- Stelco's storage tanks could result in filled capacity which would shut down the coke making operation

Waste Receiver Application – Part V

Solution

- Stelco applies to be a Waste Receiver for Ruetgers wastewater
 - Similar to Stelco's coke plant wastewater
- Stelco's WWTP currently has excess capacity to treat additional water

Benefits

- Backup alternative to treat Ruetgers wastewater if required to ensure that Stelco by-product can continue to be received by Ruetgers
- Effective treatment of wastewater by a state-of-the-art system

Community Feedback

Next Meeting

- Wed. Nov. 4, 2020



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Thank You.

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