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Stelco Inc. – Lake Erie Works Environmental Management System and Community Engagement Report January – December 2022

On January 21, 2021, Lake Erie Works (LEW) received consolidated Coke Ovens Environmental Compliance Approval (ECA) No. 9855-BXGQD7. As part of this approval, the Ontario Ministry of the Environment, Conservation and Parks (MECP) established visible emission limits for coke oven doors, lids, offtakes, and charging and pushing emissions.

This Environmental Management System and Community Engagement Report summarizes information as required per Item 2 of Schedule B of this ECA covering the period January 1 to December 31, 2022.

In July 2019, a rehabilitation of the LEW coke battery commenced by idling one half of the battery and preparing the ovens for repair and related demolition work. During the first quarter of 2021, Stelco temporarily ceased its coke production at LEW to proceed with an expanded project to rehabilitate the coke battery, which included upgrading the coke oven end flues. The rehabilitation project was successfully completed, and the battery start-up initiated on April 19, 2022. It took approximately 30 days for the coke battery to reach a normal operating state.

A summary of the information required by Schedule A Item 2.3 with respect to the notice(s) required to be given.

There were no exceedances of the 30-day rolling average visible emission limits.

A summary of the information required by paragraph 6 of Schedule A Item 2.9 with respect to the record(s) required to be made.

There were nine exceedances of the daily thresholds: two for coke battery topside port lids, six for offtakes, and one for oven door leaks. For lid, offtake, and door exceedances, the operational adjustments were made by applying sealant to the affected areas.

A summary of the information required by paragraph 7 of Schedule A Item 2.14 with respect to the record(s) required to be made.

There were two pushing emission threshold exceedances in 2022. Operational adjustments included cleaning the heating flues, adjusting the coke oven battery gas flow, and shortening the coke side emissions control system belt.

The minutes of the CLC meetings and any related follow-up actions.

The minutes of the 2022 CLC meetings can be accessed through Stelco's website:
<https://www.stelco.com/community/environment/lake-erie-works-clc>