

Nadan Consulting Ltd.

NATIONAL POLLUTANT RELEASE INVENTORY (NPRI) MONITORING & REPORTING

Mobile Climate Control

7540 Jane St
Vaughan, ON.
L4K 0A6

July 2, 2020

NATIONAL POLLUTANT RELEASE INVENTORY (NPRI)

MCC exceeded the reporting threshold of Group 1 substance chromium.

Part 1A Substances

MCC did exceeded the reporting threshold of chromium. The reporting threshold for Group 1A substances is 10,000 kg manufactured, processed or otherwise used at a concentration greater than or equal to one percent.

Chromium is present at a concentration greater than 1% as a component in the stainless steel used to produce the finish units. Usage of chromium in 2019 at concentrations above one percent was 20,711 kg. There were no releases to air or discharges to sewer of chromium.

Excess steel is shipped off-site for recycling. It has been assumed that the scrap metal has the same composition as the original product used at the plant. Of the 20,711 kg of total chromium used in 2019, 7,785 kg was shipped off-site for recycling to Combined Metal Industries at 505 Garyray Dr, Toronto.

The data quality of the quantity of chromium used in the year is considered good as the calculation was based on the certified composition of the metal provided by the metal supplier and the quantity of each grade of metal purchased.

The data quality of the quantity of steel shipped offsite for recycling is average as it is supplied by the recycler.

The composition of the waste metal shipped offsite with respect to chromium was obtained by taking a weighted average of stainless steel used in the facility in 2019.

Usage of nickel in 2019 was 9,138 kg, below the reporting threshold of 10,000 kg MPO.

GREENHOUSE GAS REPORTING

Emissions of carbon dioxide in 2019 from combustion of natural gas was 265 T. The reporting threshold is 10,000T.

Disclaimer

Reasonable efforts have been made to obtain relevant information, statements and documents concerning MCC facility from MCC management and staff. The accuracy of this report is subject to any errors or omissions, refusals, or inability to provide that information.