

## 1. General Information

| Facility Information                     |   |   |
|--|---|---|
| Company Name                             | MJ Manufacturing, a Division of Martinrea International Inc.  |   |
| Facility Address                         | 2457 Lakeshore Road West, Mississauga, ON L5J 1J9   |   |
| Site Coordinates (main entrance of site) | 17 T 611347.64 mE 4816078.35 mN   |   |
| NPRI ID                                  | 25189   |   |
| MOE ID                                   | -   |   |
| Number of Full-Time Employees in 2014    | 110   |   |
| 2-Digit NAICS Code                       | 33 – Manufacturing  |   |
| 4- Digit NAICS Code                      | 3361 – Motor Vehicle Manufacturing  |   |
| 6-Digit NAICS Code                       | 336110 – Automobile and light-duty motor vehicle manufacturing  |   |
| Substance Information                    |   |   |
| Substance Name                           | CAS #   |   |
| Chromium (and its compounds)             | NA – 04   |   |
| Nickel (and its compounds)               | NA – 11   |   |
| Facility Contact Information             |   |   |
| Report Prepared by                       | EnviroLum Consulting<br>Ms. Connie Lum<br>Principal Consultant<br>Phone #: 519-635-2286                                 | <a href="mailto:Connielum.ehs@gmail.com">Connielum.ehs@gmail.com</a><br>Kitchener, ON   |
| Public Contact                           | Ms. Stephanie Jordanou<br>Health, Safety & Environmental<br>Coordinator<br>Phone #: 905-403-0456<br>Fax #: 905-403-0460 | Stephanie.jordanou@martinrea.com<br>2457 Lakeshore Road West<br>Mississauga, ON L5J 1J9 |

## 2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2015:

| Substance Name               | Used      | Created | Contained In Product | Release to Air | Disposed / Recycled |
|------------------------------|-----------|---------|----------------------|----------------|---------------------|
| Chromium (and its compounds) | 10 to 100 | --      | 10 to 100            | 0 to 1         | 10 to 100           |
| Nickel (and its compounds)   | 10 to 100 | --      | 10 to 100            | 0 to 1         | 1 to 10             |

NOTE: Units are expressed in tonnes, unless otherwise indicated. '--' indicates not applicable.

## 3. Quantification Comparison to Previous Year

### 3.1 Chromium (and its compounds)

|                           | Unit   | 2015      | 2014      | Change (Unit) | Change (%) | Rationale for Change                                |
|---------------------------|--------|-----------|-----------|---------------|------------|---|
| Used                      | Tonnes | 10 to 100 | 10 to 100 | ↓ 10 to 100   | ↓ 41.2     | Decrease in purchase/production of stainless steel. |
| Created                   | --     | --        | --        | --            | --         |   |
| Contained In Product      | Tonnes | 10 to 100 | 10 to 100 | ↓ 10 to 100   | ↓ 51.7     |   |
| Release to Air            | Tonnes | 0 to 1    | 0 to 1    | ↓ 0 to 1      | ↓ 62.5     |   |
| Release to Water          | --     | --        | --        | --            | --         |   |
| On-site Disposal          | --     | --        | --        | --            | --         |   |
| Transferred for Disposal  | --     | --        | --        | --            | --         |   |
| Transferred for Recycling | Tonnes | 10 to 100 | 10 to 100 | 0             | 0          |   |

### 3.2 Nickel (and its compounds)

|                           | Unit   | 2015      | 2014      | Change (Unit) | Change (%) | Rationale for Change                                |
|---------------------------|--------|-----------|-----------|---------------|------------|---|
| Used                      | Tonnes | 10 to 100 | 10 to 100 | ↓ 10 to 100   | ↓ 41.2     | Decrease in purchase/production of stainless steel. |
| Created                   | --     | --        | --        | --            | --         |   |
| Contained In Product      | Tonnes | 10 to 100 | 10 to 100 | ↓ 10 to 100   | ↓ 51.7     |   |
| Release to Air            | Tonnes | 0 to 1    | 0 to 1    | ↓ 0 to 1      | ↓ 62.5     |   |
| Release to Water          | --     | --        | --        | --            | --         |   |
| On-site Disposal          | --     | --        | --        | --            | --         |   |
| Transferred for Disposal  | --     | --        | --        | --            | --         |   |
| Transferred for Recycling | Tonnes | 1 to 100  | 1 to 10   | 0             | 0          |   |

## 4. Objectives

MJ Manufacturing prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. We will strive to optimize the use and reduce the releases of Chromium and Nickel at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

## 5. Progress in Implementing Plan

This section does not apply since no feasible reduction options are available for implementation at this time.

For information on on-site releases from the facility, as well as disposal and off-site recycling information please refer to National Pollutant Release Inventory's website: <http://www.ec.gc.ca/inrp-npri/>.

As of June 1, 2016, I, Colin Achim, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

*Chromium (and its compounds)*

*Nickel (and its compounds)*



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Colin Achim  
General Manager  
MJ Manufacturing