

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
AIR POLLUTION CONTROL DIVISION
OPERATING PERMIT RENEWAL SUMMARY

PERMIT NUMBER: 96OPWE162

AIRS ID #: 1230134

DATE: November 11, 2014

APPLICANT: Metal Container Corporation – Windsor Can Plant

REVIEW ENGINEER: Joshua Jones

SOURCE DESCRIPTION

Metal Container Corporation has applied for renewal of their Operating Permit issued for the Windsor Can Plant located at 1201 Metal Container Court, in Weld County. This facility manufactures the bodies of two-piece aluminum beverage cans. The plant has two process lines which have emissions from natural gas fired ovens/boilers, can forming equipment, surface coating operations and miscellaneous combustion sources. The area in which the plant operates is designated as attainment for all pollutants except ozone. It is classified as non-attainment for ozone and is part of the 8-hr Ozone Control Area as define in Regulation No. 7, Section II.A.1.

This source is categorized as a major stationary source with respect to the Non-Attainment New Source Review (NANSR) requirements and a minor stationary source with respect to Prevention of Significant Deterioration (PSD) requirements. Wyoming is an affected state within 50 miles of this facility. Rocky Mountain National Park and the Rawah National Wilderness Area are Federal Class I designated areas within 100 km of this facility. The emission units covered under this permit are not subject to the Accidental Release provisions of section 112(r) of the Federal Clean Air Act. In addition, none of the emission units using a pollution control device at this facility are subject to the Compliance Assurance Monitoring (CAM) requirements in 40 CFR Part 64 since pre-control emissions do not exceed the major source level.

FACILITY EMISSION SUMMARY

Pollutant	Potential to Emit ¹ (TPY)	Actual Emissions ² (TPY)
PM	8.4	3.55
PM ₁₀	8.4	3.55
NO _x	45	5.25
CO	38	4.38
VOC	245.0	190.2
HAPS	9.9 (any single HAP) 20 total	5.72 (formaldehyde) 9.2 Total

¹Potential to Emit is based on permitted emission limits.

²Actual emissions based on records submitted by the source for the May 2013 inspection for period April 2012 – March 2013.

EMISSION SOURCES

The following discussion identifies the changes that were made in the renewal permit.

Temporary Diesel Engine/Air Compressor Unit – The temporary compressor engine has been removed from the operating permit and the facility-wide emission limits have been reduced by the amount associated with this unit. The Division considers this unit a non-road engine as defined in Regulation No. 3, Part A, Section I.B.31.a.(iii). Therefore, this unit is not subject to stationary source permitting requirements.

Aluminum Scrap Processing – The site-wide permit limit on aluminum scrap throughput was increased from 5,000 to 5,500 tons per year. No increase in facility-wide emissions of PM/PM₁₀ was requested with this modification and no physical change was involved.

Can Coating Operations – The requirements of Regulation No. 7 have been added to the permit. These requirements have become applicable since the latest revisions to the operating permit because the area is now designated as an ozone non-attainment area.

Emergency Fire-Pump Engine – The applicable provisions of 40 CFR Part 63, Subpart ZZZZ for Reciprocating Internal

Combustion Engines (RICE) have been added to the operating permit for this unit.

ALTERNATIVE OPERATING SCENARIOS

No alternative operations scenarios were identified for inclusion in this permit.

INSIGNIFICANT ACTIVITIES

APEN/permit exempt fuel burning sources were removed from the Summary of Emission Units in Section I, Condition 6 and added to Appendix A for insignificant activities.

PERMIT SHIELD

No requirements were added to the permit shield as specifically non-applicable to this facility. Streamlining information was added to identify less stringent requirements of Regulation No. 6, related to general particulate matter limits, which were left out of the permit.