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General Information

Report Details

Report Year: 2023

Report Type(s)/Program(s): NPRI

Report Status: Submitted

Submitted Date: 2024-05-29 11:36:03 AM

Report Creation Type: Prepopulated

Company Idm Id: 13845

Facility Idm Id: 8351

Company Information

Legal Name: AZZ Galvanizing Services-Galvcast

Business Number: 221029143

Mailing Address: General Delivery 49 Commerce Crescent, Acton, Ontario, L7J 2X2, Canada

Parent Company(ies) Information

Name	Business Number	D-U-N-S Number	Percentage Owned	Mailing Address	Additional Information
AZZ Blenkhorn & Sawle Limited	859454696		100%	PoBox 7289 Post Office Box 20 Myler Street, Saint John, New Brunswick, E2L 4S6, Canada	

Contacts

Contact Type	Name	Phone	Extension	Email	Position	Correspondence Language	Company Name
Technical Contact	Louis Banda	817-810-4958		louisbanda@azz.com	Corporate Supervisor for Environmental Health and Safety C	English	
Certifying Official	Louis Banda	817-810-4958		louisbanda@azz.com	Corporate Supervisor for Environmental Health and Safety C	English	
Public Contact	Jason Pence	817-810-0095		jasonpence@azz.com	EHS Director	English	

Company Coordinator	Jason Pence	817-810-0095		jasonpence@azz.com	EHS Director	English	
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Facility Information

Facility Name: AZZ Galvcast Canada

Physical Address: 49 Commerce Crescent, Acton, Ontario, L7J 2X2, Canada

Latitude and longitude: 43.641600, -80.051300

Primary NAICS Code: 332810

Number of full-time employee equivalents: 103

Is this a portable facility?: No

Identifiers, Environmental Regulations, and Permit Numbers

Type of Identifier or Issuing Agency of Permit	Identifier or Permit Number
National Pollutant Release Inventory Identifier	5626
pending	pending

General Reporting Questions

Do you want to report any Part 1A substances?: Yes

Do you want to report any Part 1B substances?: No

Is the facility subject to the Chromium Electroplating, Chromium Anodizing and Reverse Etching Regulations (SOR/2009-162)?: No

Do you want to report any Part 2 substances?: No

Did wood preservation using creosote occur at the facility, and were PAHs released, disposed of, or transferred as a result of wood preservation using creosote?: No

Do any of the following activities take place at the facility, regardless of the number of employees at the facility?: None

Do employees at the facility work a total of 20 000 hours or more AND do any of the following activities take place at the facility?: None

Do you want to report any Part 4 substances?: Yes

Do you want to report any Part 5 substances?: No

Does the facility have a P2 Plan?: No

Did the facility complete any pollution prevention activities in the current NPRI reporting year?: No

Did the facility operate one or more electricity generating units that had a capacity of 25 MW or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year?: No

Facility Operating Schedule and Shutdown Periods

Usual operating day(s) of the facility: Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

Usual Number of Operating Hours per day in decimal number (hh.mm): 20.00

Usual Daily Start Time (hh:mm): 06:00

Was the facility shut down for more than one week during the year?: No

Summary of Releases, Disposals and Recycling

Parts 1-3 Substances

CAS RN	Substance Name	Substance Part	Releases	Releases to All Media < 1 tonnes	Disposals	Recycling	Unit	Nature of activities	Required / Voluntary
7647-01-0	Hydrochloric acid	1A	1.21		14.42		tonnes	As a physical or chemical processing aid	Required
NA - 14	Zinc (and its compounds)	1A	0.621		2.40468	169.96	tonnes	For on-site use/processing, As a formulation component, As an article component	Required
NA - 16	Ammonia (total)	1A	1.903				tonnes	As a reactant, As a physical or chemical processing aid	Required

Parts 4-5 Substances

CAS RN	Substance Name	Substance Part	Releases to air (tonnes)	Required / Voluntary
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NA - M09	pm10 - particulate matter <= 10 microns	4	3.22	Required
NA - M10	pm2.5 - particulate matter <= 2.5 microns	4	2.64	Required

Releases to Air, Water and Land

Releases to Air, Water and Land

CAS RN	Substance Name	Substance Part	Type	Release Category	Basis of Estimate	Detail Code	Quantity	Unit
7647-01-0	Hydrochloric acid	1A	Releases to air	Storage tank and related handling releases	O - Engineering Estimates		0.1	tonnes
7647-01-0	Hydrochloric acid	1A	Releases to air	Fugitive Releases	O - Engineering Estimates		1.11	tonnes
NA - 14	Zinc (and its compounds)	1A	Releases to air	Stack or Point Releases	E2 - Published Emission Factors		0.081	tonnes
NA - 14	Zinc (and its compounds)	1A	Releases to air	Fugitive Releases	E2 - Published Emission Factors		0.54	tonnes
NA - 16	Ammonia (total)	1A	Releases to air	Stack or Point Releases	E2 - Published Emission Factors		1.903	tonnes

NA - M09	pm10 - particulate matter <= 10 microns	4	Releases to air	Stack or Point Releases	E2 - Published Emission Factors		0.42	tonnes
NA - M09	pm10 - particulate matter <= 10 microns	4	Releases to air	Fugitive Releases	E2 - Published Emission Factors		2.8	tonnes
NA - M10	pm2.5 - particulate matter <= 2.5 microns	4	Releases to air	Stack or Point Releases	E2 - Published Emission Factors		0.34	tonnes
NA - M10	pm2.5 - particulate matter <= 2.5 microns	4	Releases to air	Fugitive Releases	E2 - Published Emission Factors		2.3	tonnes

Reasons for Change, Releases to Air and Land Comments, and Substance Release Comments

CAS RN	Substance Name	Substance Part	Reasons for Change	Nature of "Other Non-Point Releases" release comments	Nature of "Other" land release comments	Substance Release Comment
7647-01-0	Hydrochloric acid	1A	No significant change			
NA - 14	Zinc (and its compounds)	1A	Decrease in production levels			
NA - 16	Ammonia (total)	1A	Decrease in production levels			
NA - M09	pm10 - particulate matter <= 10 microns	4	Decrease in production levels			

NA - M10	pm2.5 - particulate matter <= 2.5 microns	4	Decrease in production levels			
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Parts 1-3 Substances Quarterly Percentage Breakdown

CAS RN	Substance Name	Substance Part	January - March %	April - June %	July - September %	October - December %
NA - 14	Zinc (and its compounds)	1A	25	25	25	25
NA - 16	Ammonia (total)	1A	25	25	25	25
7647-01-0	Hydrochloric acid	1A	25	25	25	25

Parts 4-5 Substances Monthly Percentage Breakdown

CAS RN	Substance Name	Substance Part	Jan %	Feb %	Mar %	Apr %	May %	Jun %	Jul %	Aug %	Sep %	Oct %	Nov %	Dec %
NA - M09	pm10 - particulate matter <= 10 microns	4	8.49	7.67	8.5	8.22	8.49	8.22	8.49	8.49	8.22	8.5	8.22	8.49
NA - M10	pm2.5 - particulate matter <= 2.5 microns	4	8.49	7.67	8.5	8.22	8.49	8.22	8.49	8.49	8.22	8.5	8.22	8.49

Condensable Particulate Matter

CAS RN	Substance Name	Reported Quantities Include Condensable Particulate Matter
NA - M09	pm10 - particulate matter <= 10 microns	Unknown
NA - M10	pm2.5 - particulate matter <= 2.5 microns	Unknown

On-site and Off-site Disposals

On-site and Off-site Disposals

CAS RN	Substance Name	Substance Part	Type	Disposal Category	Basis of Estimate	Detail Code	Quantity	Unit
7647-01-0	Hydrochloric acid	1A	Off-site Disposal (excluding Tailings and Waste Rock)	Storage off-site prior to final disposal	M3 - Source Testing		14.42	tonnes
NA - 14	Zinc (and its compounds)	1A	Off-site Disposal (excluding Tailings and Waste Rock)	Landfill	M3 - Source Testing		0.00034	tonnes
NA - 14	Zinc (and its compounds)	1A	Off-site Disposal (excluding Tailings and Waste Rock)	Storage off-site prior to final disposal	M3 - Source Testing		0.00034	tonnes
NA - 14	Zinc (and its compounds)	1A	Off-site Transfers (excluding Tailings and Waste Rock)	Chemical Treatment	M3 - Source Testing		2.404	tonnes

Reasons for Disposal, Reasons for Change and Substance Disposal Comments

CAS RN	Substance Name	Substance Part	Reasons for Disposal	Reasons for Change	Substance Disposal Comments
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7647-01-0	Hydrochloric acid	1A	Production Residues	Decrease in production levels	
NA - 14	Zinc (and its compounds)	1A	Production Residues	Decrease in production levels	
NA - 16	Ammonia (total)	1A		Decrease in production levels	

Off-Site Disposal Locations

CAS RN	Substance Name	Substance Part	Disposal Category	Name	Address	Quantity	Unit
7647-01-0	Hydrochloric acid	1A	Storage off-site prior to final disposal	US Ecology	6520 Georgia St, Detroit Michigan, 48211, United States	14.42	tonnes
NA - 14	Zinc (and its compounds)	1A	Landfill	PANDA	13 Centennial, Kitchener Ontario, N2B 3E9, Canada	0.00034	tonnes
NA - 14	Zinc (and its compounds)	1A	Storage off-site prior to final disposal	PANDA	13 Centennial, Kitchener Ontario, N2B 3E9, Canada	0.00034	tonnes
NA - 14	Zinc (and its compounds)	1A	Chemical Treatment	US Ecology	6520 Georgia St, Detroit Michigan, 48211, United States	2.404	tonnes

Recycling

Transfers Off-Site for Recycling

CAS RN	Substance Name	Substance Part	Recycling Category	Basis of Estimate	Detail Code	Quantity	Unit
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NA - 14	Zinc (and its compounds)	1A	Recovery of Metals and Metal Compounds	M3 - Source Testing		169.96	tonnes
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Reasons for Recycling, Reasons for Change and Substance Recycling Comments

CAS RN	Substance Name	Substance Part	Reasons for Recycling	Reasons for Change	Substance Recycling Comments
7647-01-0	Hydrochloric acid	1A		Other	recycling option no longer available
NA - 14	Zinc (and its compounds)	1A	Production Residues	Decrease in production levels	
NA - 16	Ammonia (total)	1A		Decrease in production levels	

Off-Site Recycling Locations

CAS RN	Substance Name	Substance Part	Recycling Category	Name	Address	Quantity	Unit
NA - 14	Zinc (and its compounds)	1A	Recovery of Metals and Metal Compounds	US Zinc	6020 Navigation Blvd., Houston Texas, 77011, United States	95.18	tonnes
NA - 14	Zinc (and its compounds)	1A	Recovery of Metals and Metal Compounds	S.B. Enterprises	65 Industrial Area Phase 2, Chandigarh, INDIA, Lat: 30.6779786, Long: 76.8102535	74.78	tonnes

Reasons for Adding or Removing Substance(s)

Special Reports

Pollution Prevention Plan

Plan was prepared or implemented for another government jurisdiction: No

Plan was prepared or implemented on a voluntary basis: No

Reasons no pollution prevention activities were completed: Activities were implemented in a previous year; additional activities are either unnecessary or unfeasible at this time

Feedback

Report Submission and Electronic Certification

Specify the language of correspondence: English

Company name: AZZ Galvanizing Services-Galvcast

Certifying Official: Louis Banda

Report Submitted by: Louis Banda

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.: Yes