

Facility Information:

Facility name	Protec Finishing Ltd.
Telephone number	905 564 5338
Fax number	905 564 2206
NPRI ID:	2543
Ontario Reg 127/01 ID:	6320
UTM Coordinates (NAD83)	17T 608974 E 4835954 N
NAICS code	332810
Public contact	Jim Sutherland – Technical Manager
Highest Ranking Employee	Ron Farrell – Operations Manager

Substance: Cobalt (and its compounds) CAS # NA - 05						
Description	Quantity (kilograms)	Last reported quantity (kilograms)	Reporting period of last reported quantity	Change (kilograms)	% Change	Reason for change
Enters the facility (Use)	100 to 1000	100 to 1000	2018	10 to 1000	9.2	Quantity approximately the same
Creation	0	0		0	0	N/A
Contained in product	100 to 1000	100 to 1000		10 to 100	9.2	Quantity approximately the same

Substance: Hydrochloric acid CAS # 7647-01-0						
Description	Quantity (tonnes)	Last reported quantity (tonnes)	Reporting period of last reported quantity	Change (tonnes)	% Change	Reason for change
Enters the facility (Use)	100 to 1000	100 to 1000	2018	10 to 100	-23.7	Decrease in production levels.
Creation	0	0		0	0	N/A
Contained in product	0	0		0	0	N/A

Substance: Nitric acid CAS # 7697-37-2						
Description	Quantity (tonnes)	Last reported quantity (tonnes)	Reporting period of last reported quantity	Change (tonnes)	% Change	Reason for change
Enters the facility (Use)	10 to 100	10 to 100	2018	10 to 100	-41.2	Decrease in production levels and improved operating practices.
Creation	0	0		0	0	N/A
Contained in product	0	0		0	0	N/A

Substance: Zinc (and its compounds) CAS # NA - 14						
Description	Quantity (tonnes)	Last reported quantity (tonnes)	Reporting period of last reported quantity	Change (tonnes)	% Change	Reason for change
Enters the facility (Use)	100 to 1000	100 to 1000	2018	10 to 100	10.1	Higher zinc content required on product.
Creation	0	0		0	0	N/A
Contained in product	100 to 1000	100 to 1000		1 to 10	15.7	Higher zinc content required on product.

Substance: Cobalt (and its compounds) CAS # NA - 05			
Objectives and targets	<p>Objective: Protec prides itself on technological innovation to produce high quality products in an environmentally responsible manner. Acadian will strive to reduce the amount of cobalt that is used 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.</p> <p>Target: No technically and financially feasible options were identified and as a result no options will be implemented.</p>		
Progress towards objectives and targets			
Reporting year	Estimates of reductions achieved	Difference between steps taken and those set out in the plan	Amendments to the plan
2019	N/A	No difference in the steps taken	None

Substance: Hydrochloric acid CAS # 7647-01-0			
Objectives and targets	<p>Objective: Protec prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Protec will strive to reduce the amount of hydrochloric acid that is used 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.</p> <p>Target: To reduce the usage of hydrochloric acid on the Lake and Enterprise lines by 10.653 metric tonnes and the overall percentage used at the facility by 7% based on current production volumes.</p>		
Progress towards objectives and targets			
Reporting year	Estimates of reductions achieved	Difference between steps taken and those set out in the plan	Amendments to the plan
2019	No reductions were achieved.	No difference in steps as it was determined that increasing the drain time would have a significant adverse effect on the productivity of the production line making it economically unfeasible to implement.	None

Substance: Nitric acid CAS # 7697-37-2			
Objectives and targets	<p>Objective: Protec prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Protec will strive to reduce the amount of nitric acid that is used 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.</p> <p>Target: As no options were found to be both technically and financially feasible there are no targets for implementation at this time.</p>		
Progress towards objectives and targets			
Reporting year	Estimates of reductions achieved	Difference between steps taken and those set out in the plan	Amendments to the plan
2019	N/A	No difference in steps as no targets were set.	None

Substance: Zinc (and its compounds) CAS # NA - 14			
Objectives and targets	<p>Objective: Protec prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Protec will strive to reduce the amount of zinc that is used 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.</p> <p>Target: As none of the options identified were economically/technically feasible there is no target for implementation.</p>		
Progress towards objectives and targets			
Reporting year	Estimates of reductions achieved	Difference between steps taken and those set out in the plan	Amendments to the plan
2019	N/A	No difference in steps as no targets were set	None