

**Contaminants Requested (as per January 2018 Application)**  
**Foundries - Industry Standard Approval**  
**for 931080 Ontario Inc. (operating as Rahmet) in North Bay, ON**

**Suspended Particulate Matter**

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
2-Propanamine, N,N-Dimethyl-	996-35-0	Cobalt [And Other Compounds]	7440-48-4
2-Propenoic Acid, Polymer With Ethyl 2-Propenoate And Isooctyl 2-Propenoate	68540-66-9	Coke (Coal)	65996-77-2
Aluminum [And Other Compounds]	7429-90-5	Copper [And Other Compounds]	7440-50-8
Aluminum Oxide	1344-28-1	Cumene Hydroperoxide	80-15-9
Aluminum Tristearate	637-12-7	Decanedioic Acid, Bis(1,2,2,6,6-Pentamethyl-4- Piperidinyl) Ester	41556-26-7
Antimony [And Other Compounds]	7440-36-0	Ferric Oxide	1309-37-1
Arsenic And Compounds	7440-38-2	Gallium [And Other Compounds]	7440-55-3
Barium [And Other Compounds]	7440-39-3	Graphite	7782-42-5
Barium Chloride (BaCl <sub>2</sub> )	10361-37-2	Hdi Polyisocyanate (Hdi-Bt & Hdi-Ic)	28182-81-2
Bentonite	1302-78-9	Hexamethylene Diisocyanate (Hdi) Monomer	822-06-0
Benzene, 1-Isocyanato-2-[(4-Isocyanatophenyl)Methyl]-	5873-54-1	Hydrated Silica	112926-00-8
Beryllium And Compounds	7440-41-7	Indium [And Other Compounds]	7440-74-6
Bismuth [And Other Compounds]	7440-69-9	Iron [And Other Compounds]	7439-89-6
Borate(1-), Tetrafluoro-, Potassium	14075-53-7	Iron ion, Fe+2	15438-31-0
Borax	1303-96-4	Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> )	1317-61-9
Boron	7440-42-8	Lanthanum	7439-91-0
Bromine	7726-95-6	Lead And Lead Compounds	7439-92-1
c.i. Pigment Green 7	1328-53-6	Magnesium Magnesium [And Other Compounds] (excluding Magnesium Carbonate, Magnesium Chloride, Magnesium Oxide, and Magnesium Stearate)	7439-95-4
Cadmium And Cadmium Compounds	7440-43-9	Magnesium Carbonate	546-93-0
Calcium [And Other Compounds]	7440-70-2	Magnesium Chloride	7786-30-3
Calcium Carbide	75-20-7	Magnesium Oxide	1309-48-4
Calcium Carbonate	471-34-1	Magnesium Stearate	557-04-0
Calcium Chloride Anhydrous	10043-52-4	Manganese And Manganese Compounds	7439-96-5
Calcium Cyanide (As Total Salt)	592-01-8	Mercury (As Hg) – Alkyl Compounds	7439-97-6
Calcium Fluoride (CaF <sub>2</sub> )	7789-75-5	Mercury (Hg) [And Other Compounds]	7439-97-6
Calcium Hydroxide	1305-62-0	Mica	12001-26-2
Calcium Oxide	1305-78-8	Molybdenum [And Other Compounds]	7439-98-7
Calcium Stearate	1592-23-0	Mullite (Al <sub>6</sub> O <sub>5</sub> (SiO <sub>4</sub> ) <sub>2</sub> )	1302-93-8
Carbon	7440-44-0	N-(3-Trimethoxysilylpropyl)-Ethylendiamine	1760-24-3
Carbon Black	1333-86-4	Naphtha (Petroleum), Light Steam-Cracked Arom., C5-12 Cycloalkadiene Fraction, Polymers	68527-24-2
Chlorine	7782-50-5	Neodymium [And Other Compounds]	7440-00-8
Chromium And Chromium Compounds (Metallic, Divalent And Trivalent)	7440-47-3	Nickel And Nickel Compounds	7440-02-0
Chromium Compounds (Hexavalent)	7440-47-3	Niobium [And Other Compounds]	7440-03-1

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Nitrates	14797-55-8	Silver [And Other Compounds]	7440-22-4
Organic Carbon	Not Available	Sodium [And Other Compounds]	7440-23-5
Oxirane, 2,2'-[(1-Methylethylidene) Bis(4,1-Phenyleneoxymethylene)]Bis-, Homopolymer	25085-99-8	Sodium Carbonate	497-19-8
Palladium [And Other Compounds]	7440-05-3	Sodium Hydroxide	1310-73-2
Phenol-Formaldehyde Resin	9003-35-4	Sodium Monoxide	12401-86-4
Phosphorus	7723-14-0	Sodium Nitrate	7631-99-4
Pigment Blue 15	147-14-8	Sodium Oxide (Na <sub>2</sub> O)	1313-59-3
Platinum [And Other Compounds]	7440-06-4	Sodium Tetraborate	1330-43-4
Poly(Difluoromethylene), A-(Cyclohexylmethyl)- $\Omega$ -Hydro-	65530-85-0	Strontium [And Other Compounds]	7440-24-6
Polydimethylsiloxanes	63148-62-9	Strontium Hydroxide	18480-07-4
Potassium [And Other Compounds]	7440-09-7	Strontium Oxide	1314-11-0
Potassium Chloride (KCl)	7447-40-7	Sulphur, Elemental	7704-34-9
Potassium Cyanide	151-50-8	Sulphates	Not Available
Potassium Hydroxide	1310-58-3	Suspended Particulate Matter (< 44 $\mu$ m Diameter)	Not Applicable
Potassium Nitrate	7757-79-1	Synthetic Amorphous Silica	112945-52-5
Potassium Oxide (K <sub>2</sub> O)	12136-45-7	Talc - Fibrous	14807-96-6
Quaternary Ammonium Compounds, Benzyl(Hydrogenated Tallow Alkyl)Dimethyl, Chlorides, Comps. With Hectorite	71011-26-2	Tantalum [And Other Compounds]	7440-25-7
Resorcinol	108-46-3	Thallium [And Other Compounds]	7440-28-0
Rhodium [And Other Compounds]	7440-16-6	Tin [And Other Compounds]	7440-31-5
Rosin	8050-09-7	Titanium [And Other Compounds]	7440-32-6
Rubidium [And Other Compounds]	7440-17-7	Titanium Dioxide	13463-67-7
Scandium [And Other Compounds]	7440-20-2	Vanadium [And Other Compounds]	7440-62-2
Selenium [And Other Compounds]	7782-49-2	Yttrium [And Other Compounds]	7440-65-5
Silica - Respirable (<10 $\mu$ m Diameter), Cristabolite	14464-46-1	Zinc [And Other Compounds]	7440-66-6
Silica - Respirable (<10 $\mu$ m Diameter), Quartz	14808-60-7	Zinc Chloride	7646-85-7
Silicate(2-), Hexafluoro-, Disodium	16893-85-9	Zinc Stearate	557-05-1
Silicic Acid, Potassium Salt	1312-76-1	Zircon (Zr(SiO <sub>4</sub> ))	14940-68-2
Silicic Acid, Sodium Salt	1344-09-8	Zirconium [And Other Compounds]	7440-67-7
Silicon	36 7440-21-330194, 12597-37-40	Zirconium Oxide (ZrO <sub>2</sub> )	1314-23-4
Silicon Dioxide	7631-86-9		

## Volatile Organic Compounds

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
1,2,4,5-Tetramethylbenzene	95-93-2	Dibenzofuran	132-64-9
1,3-Propanediamine, N,N-Bis[3-(Dimethylamino)Propyl]-N',N'-Dimethyl-	33329-35-0	Dibutyl Phthalate (Dbp, Di-N-Butyl Phthalate)	84-74-2
1-Methylimidazole	616-47-7	Diethylbenzene	25340-17-4
1-Methylnaphthalene	90-12-0	Diethylene Glycol	111-46-6
1-Tetradecene	1120-36-1	Diethylene Glycol Monobutyl Ether	112-34-5
2,4,6-Tris(Dimethylaminomethyl)Phenol	90-72-2	Diisobutyl Phthalate	84-69-5
2-Methylnaphthalene	91-57-6	Diisononyl Phthalate	28553-12-0
2-Phenylisopropanol	617-94-7	Dimethyl Glutarate	1119-40-0
2-Propenamide, N,N'-Methylenebis-Acenaphthylene - As B[A]P	110-26-9	Dimethyl Phthalate (Dmp)	131-11-3
	208-96-8	Dimethyl Succinate	106-65-0
Acetaldehyde	75-07-0	Distillates (Petroleum), Hydrotreated Light	64742-47-8
Acetic Acid	64-19-7	Distillates (Petroleum), Straight-Run Middle	64741-44-2
Acetone	67-64-1	Ethanol (Ethyl Alcohol)	64-17-5
Acetophenone	98-86-2	Ethyl Acetate	141-78-6
Acridine	260-94-6	Ethylbenzene	100-41-4
Acrolein	107-02-8	Ethyl-3-Ethoxy Propionate	763-69-9
Acrylic Acid	79-10-7	Ethylene	74-85-1
Alcohols, C12-15, Ethoxylated Propoxylated	68551-13-3	Ethylene Glycol Butyl Ether (Butyl Cellosolve)	111-76-2
Ammonia	7664-41-7	Ethylene Glycol Diacetate	111-55-7
Aniline	62-53-3	Ethylene Glycol Monophenyl Ether	122-99-6
Anthracene - As B[A]P	120-12-7	Fluoranthene - As B[A]P	206-44-0
Anthranthrene - As B[A]P	191-26-4	Formaldehyde	50-00-0
Aromatic Hydrocarbons, C9-11	70693-06-0	Formic Acid	64-18-6
Aromatic Naphtha, Type I	64742-95-6	Furfuryl Alcohol	98-00-0
Benzene	71-43-2	Gamma-Butyrolactone	96-48-0
Benzene, 1,1'-Methylenebis(Isocyanato-	26447-40-5	Heptane, N-	142-82-5
Benzene, 1,2,3,5-Tetramethyl-	527-53-7	Hexachlorobenzene	118-74-1
Benzene, 1,3-Diethyl-	141-93-5	Hexane, N- (N-Hexane And Hexane Isomers Only)	110-54-3
Benzene, 1,4-Diethyl-	105-05-5	Hexane, N- (Part Of A Mixture)	110-54-3
Benzenesulfonic Acid, 4-Methyl-	104-15-4	Hexanedioic Acid, Dimethyl Ester	627-93-0
Benzenesulfonic Acid, Dimethyl-	25321-41-9	Hydrogen Cyanide	74-90-8
Benzo(A)Anthracene - As B[A]P	56-55-3	Hydrogen Sulphide	7783-06-4
Benzo(A)Fluoranthene - As B[A]P	203-33-8	Indane	496-11-7
Benzo(A)Pyrene	50-32-8	Indeno(1,2,3-Cd)Pyrene - As B[A]P	193-39-5
Benzo(B)+(K)Fluoranthene - As B[A]P	205-99-2, 207-08-9	Isobutyl Acetate	110-19-0
Benzo(B)Fluoranthene - As B[A]P	205-99-2	Isophorone Diisocyanate	4098-71-9
Benzo(E)Pyrene - As B[A]P	192-97-2	Isopropanol (Isopropyl Alcohol)	67-63-0
Benzo(G,H,I)Perylene - As B[A]P	191-24-2	Isopropyl Benzene	98-82-8
Benzo(K)Fluoranthene - As B[A]P	207-08-9	Kerosine (Petroleum)	8008-20-6
Butane	106-97-8	Kerosine (Petroleum), Hydrodesulfurized	64742-81-0
Butyl Acetate, N-	123-86-4	Ligroine	8032-32-4
Carbazole	86-74-8	Liquid Petroleum Gas	68476-85-7
Chrysene - As B[A]P	218-01-9	Methane	74-82-8
Cresols	1319-77-3	Methane Diphenyl Diisocyanate (Mdi Monomer)	101-68-8
Dibenz(A,H)Anthracene - As B[A]P	53-70-3	Methanol (Methyl Alcohol)	67-56-1
Dibenzo(A,H)+(A,C) Anthracene - As B[A]P	53-70-3, 215-58-7	Methoxy-1-Propyl Acetate, 2-	70657-70-4

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
Methyl Ethyl Ketone (2-Butanone)	78-93-3	Poly[Oxy(Methyl-1,2-Ethanediy)], A-Hydro-Ω- Hydroxy-, Ether With 2-Ethyl-2-(Hydroxymethyl)-1,3-Propanediol (3:1)	25723-16-4
Methyl Ethyl Ketone Peroxide	1338-23-4	Polyethylene Glycol Nonylphenyl Ether	9016-45-9
Methyl Formate	107-31-3	Polymeric Methane Diphenyl Diisocyanate (Pmdi)	9016-87-9
Methyl Isobutyl Ketone	108-10-1	Propane	74-98-6
Methyl Propyl Ketone	107-87-9	Propionaldehyde	123-38-6
Methyl-2-Pyrrolidone, N-	872-50-4	Propylene Glycol Monomethyl Ether Acetate	108-65-6
Methylene Bis(4-Cyclohexylisocyanate)	5124-30-1	P-Xylene	106-42-3
Methylene Dianiline	101-77-9	Pyrene - As B[A]P	129-00-0
Mineral Spirits	See definition in <i>O.Reg. 419/05</i>	Pyridine, 4-(3-Phenylpropyl)-	2057-49-0
M-xylene	108-38-3	Siloxanes And Silicones, Di-Me, [[[3-[(2- Aminoethyl)Amino] Propyl]Dimethoxysilyl]Oxy]-Terminated	71750-80-6
Naphtha (Petroleum), Heavy Alkylate	64741-65-7	Siloxanes And Silicones, Di-Me, Polymers With Me Silsesquioxanes, Hydroxy-Terminated	68554-67-6
Naphtha (Petroleum), Hydrodesulfurized Heavy	64742-82-1	Solvent Naphtha (Petroleum), Heavy Aliphatic	64742-96-7
Naphtha (Petroleum), Hydrotreated Heavy	64742-48-9	Solvent Naphtha (Petroleum), Heavy Aromatic	64742-94-5
Naphtha (Petroleum), Hydrotreated Light	64742-49-0	Solvent Naphtha (Petroleum), Light Aliph.	64742-89-8
Naphthalene	91-20-3	Solvent Naphtha (Petroleum), Medium Aliph.	64742-88-7
Naphthalene, 1,3-Dimethyl-	575-41-7	Stoddard Solvent	8052-41-3
Naphthalene, 1,4-Dimethyl-	571-58-4	Styrene	100-42-5
Naphthalene, 1,6,7-Trimethyl-	2245-38-7	Tergitol 15-S-4	68131-40-8
Naphthalene, 1,8-Dimethyl-	569-41-5	Toluene	108-88-3
Naphthalene, 2,3-Dimethyl-	581-40-8	Total Aldehydes (C2-C25)	Not Applicable
Naphthalene, 2,6-Dimethyl-	581-42-0	Total Amines	Not Applicable
Naphthalene, 2,7-Dimethyl-	582-16-1	Triacetin	102-76-1
Nitrobenzene	98-95-3	Trichloroethylene (Tce)	79-01-6
Orthocresol	95-48-7	Triethylamine	121-44-8
Oxo-Heptyl Acetate	90438-79-2	Triethylene Glycol	112-27-6
O-xylene	95-47-6	Trimethylbenzene, 1,2,3- (Individual Isomer Or Trimethylbenzene Mixture)	526-73-8
Perylene	198-55-0	Trimethylbenzene, 1,2,4- (Individual Isomer Or Trimethylbenzene Mixture)	95-63-6
Petroleum Ether	8030-30-6	Trimethylbenzene, 1,3,5- (Individual Isomer Or Trimethylbenzene Mixture)	108-67-8
Petroleum Gases, Liquefied, Sweetened	68476-86-8	Trimethylolpropane Triacrylate	15625-89-5
Phenanthrene - As B[A]P	85-01-8	Trimethylsilyl Fluoride	420-56-4
Phenol	108-95-2	Xylenes	1330-20-7
Phenyl isocyanate	103-71-9		

### Other Contaminants Requested

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
Argon	7440-37-1	Linseed Oil	8001-26-1
Benzoic Acid, 2-Hydroxy-	69-72-7	Linseed Oil, Polymd.	67746-08-1
Boric Acid	10043-35-3	Nitrogen	7727-37-9
Carbon Monoxide	630-08-0	Nitrogen Oxide (NO)	10102-43-9
Coal Dust (Anthracite, Bituminous, Lignite & Seacoal)	-	Nitrogen Oxides	10102-44-0
Di-(2-Ethylhexyl) Adipate	103-23-1	Nitrous Oxide	10024-97-2
Fatty Acids, Tall-Oil, Bu Esters	67762-63-4	Oxalic Acid	144-62-7
Fluorides (As HF) – Gaseous (Growing Season)	7664-39-3	Phosphoric Acid	7664-38-2
Fluorides (As HF) – Total (Growing Season)	7664-39-3	Poly(Oxy-1,2-Ethanediy), A-Sulfo-Ω-(Dodecyloxy)-, Sodium Salt	9004-82-4
Fluorides (As HF) – Total (Non-Growing Season)	7664-39-3	Rape Oil, Me Ester	73891-99-3
Hydrogen Chloride	7647-01-0	Sulphur Dioxide	7446-09-5
Hydrogen Peroxide	7722-84-1	Sulphuric Acid	7664-93-9
Light Oil (Coal), Coke Oven, Distn. Residues	68920-61-6		