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**Approval for Registration in the “Technical Standards Registry – Air Pollution”  
(Industry Standard) Issued Pursuant to s.39(3) of O. Reg. 419/05 made under  
the Environmental Protection Act, R.S.O. 1990, as amended**

REGISTRATION NUMBER: 101-15-393-rv2  
Reference Number: 4520-9SKRYW  
Issue Date: September 18, 2020

Applicant: Wells Foundry Limited  
1250 Florence Street  
London, Ontario  
N5W 2N4

Contact person: Matt Wells, Plant Manager

Site Location: Wells Foundry Limited  
1250 Florence Street  
London, Ontario  
N5W 2N4

**DEFINITIONS**

For the purposes of this Approval,

“Facility” means the Wells Foundry Limited operation located at 1250 Florence Street, London, Ontario;

“NAICS” has the same meaning as in section 1 of O. Reg. 419/05;

“Registered Contaminants” means contaminants listed in Appendix A; and

“O. Reg. 419/05” means Ontario Regulation 419/05: Air Pollution – Local Air Quality, made under the Environmental Protection Act as it may be amended from time to time.

**REGISTRATION INFORMATION**

You have applied in accordance with subsection 39(1)(a) of O. Reg. 419/05 for registration in the Ministry’s Technical Standards Registry – Air Pollution in respect of:

- i. Foundries – Industry Standard as set out in the Ministry Publication "Technical Standards to Manage Air Pollution", Version 6.0, March 22, 2018 (as amended);
- ii. the Facility; and
- iii. the Registered Contaminants.

**GROUND FOR APPROVAL OF REGISTRATION**

A. I, the Director, am satisfied that:

1. The applicant has submitted a completed application for registration dated April 2, 2020 signed by Matt Wells, Plant Manager and this application was in a form approved by the Director.
2. The information submitted in the application is accurate, to the best of my knowledge.
3. The Foundries – Industry Standard applies to the Facility since it is a grey and ductile iron foundry producing a range of castings such as pump covers, manhole covers and impellers and is part of a class identified by the NAICS code 331511 iron foundries.
4. The Foundries – Industry Standard applies to the Registered Contaminants.
5. The Foundries – Industry Standard contains requirements that relate to at least one source of contaminant in the Facility, namely, metal melting process.
6. There are no provisions in the Foundries – Industry Standard that deal with notification of and consultation with affected persons before making an application for registration.
7. There were no requirements to notify and consult affected persons imposed under subsection 39(5).
8. Any adverse effect that may be caused by discharges of the Registered Contaminant from the Facility into the air will be better prevented, eliminated or ameliorated if the Facility and the Registered Contaminants are registered to the Foundries – Industry Standard.
9. There is no other industry standard that applies to the Facility and the Registered Contaminants that, in my opinion, would be more appropriate.
10. Based on the public consultation conducted including a posting on the Environmental Registry under the Environmental Bill of Rights, I am of the opinion that there is no public interest reason sufficient to refuse approval of the application.

**B.** Based on the above conclusions and pursuant to the authority under subsection 39(3) of O. Reg. 419/05, I approve the registration of the Facility in the Ministry's Technical Standards Registry – Air Pollution with respect to the Registered Contaminants for the following industry standard:

- Foundries – Industry Standard as described in the Ministry Publication "Technical Standards to Manage Air Pollution", Version 6.0, March 22, 2018 (as amended)

DATED AT TORONTO this 18 day of September 2020

“Originally Signed By”

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Heather Malcolmson, Director  
Section 39, O. Reg. 419/05

c: Rudolf Wan, Manager, Environmental Permissions Branch  
Rob Wrigley, Manager, London District Office

## APPENDIX A – Registered Contaminants

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
<b>Contaminants Registered under Foundries - Industry Standard Approval Registration No. 101-15-393-rv0</b>			
Aluminum	7429-90-5	Phosphorus	7723-14-0
Arsenic	7440-38-2	Potassium	7440-09-7
Barium	7440-39-3	Silica	14808-60-7
Beryllium	7440-41-7	Silicon	36 7440-21-330194, 12597-37-40
Boron	7440-42-8	Silver	7440-22-4
Cadmium (and Cadmium Compounds)	7440-43-9	Sodium	7440-23-5
Calcium	7440-70-2	Strontium	7440-24-6
Chromium (and Chromium Compounds)	7440-47-3	Sulphur	7704-34-9
Cobalt	7440-48-4	Suspended Particulate Matter	Not Applicable
Copper (and Copper Compounds)	7440-50-8	Thallium	7440-28-0
Iron	7439-89-6	Vanadium	7440-62-2
Lead (and Lead Compounds)	7439-92-1	Zinc and Compounds	7440-66-6
Magnesium	7439-95-4	Molybdenum	7439-98-7
Manganese (and Manganese Compounds)	7439-96-5	Nickel (and Nickel Compounds)	7440-02-0
Acrolein	107-02-8	Hydrogen Sulphide	7783-06-4
Ammonia	7664-41-7	Naphthalene	91-20-3
Benzene	71-43-2	Phenol	108-95-2
Formaldehyde	50-00-0	Toluene	108-88-3
Furfuryl alcohol	98-00-0	Xylene, m-, p-	108-38-3,106-42-3
Hydrogen Cyanide	74-90-8	Xylene, o-	95-47-6
Sulphur Dioxide	7446-09-5		

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
<b>Contaminants Registered under Foundries - Industry Standard Approval Registration No. 101-15-393-rv1</b>			
Iron ion, Fe+2	15438-31-0	Nitrogen Oxide (NO)	10102-43-9
Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> )	1317-61-9	Silica - Respirable (<10 µm Diameter), Cristabolite	14464-46-1
Ferric Oxide	1309-37-1	Xylenes	1330-20-7
Nitrous Oxide	10024-97-2	Zirconium [and Other Compounds]	7440-67-7
Nitrogen Oxides	10102-44-0	Zirconium Oxide (ZrO <sub>2</sub> )	1314-23-4

<b>Contaminant Name</b>	<b>C.A.S. #</b>	<b>Contaminant Name</b>	<b>C.A.S. #</b>
<b>New Registered Contaminants Added under Foundries - Industry Standard Approval Registration No. 101-15-393-rv2</b>			
1,2,4,5-Tetramethylbenzene	95-93-2	Trimethylbenzene, 1,2,3- (Individual Isomer or Trimethylbenzene Mixture)	526-73-8
Benzene, 1,2,3,5-Tetramethyl-	527-53-7	Trimethylbenzene, 1,2,4- (Individual Isomer or Trimethylbenzene Mixture)	95-63-6
Styrene	100-42-5	Trimethylbenzene, 1,3,5- (Individual Isomer or Trimethylbenzene Mixture)	108-67-8