

EPA Protocols Made in Canada



Whether you are measuring pollutant concentrations at their emission points or in the ambient air, calibration gases are important considerations in the overall process. They make sure the instrument performs correctly at start up and also ensure their results remain accurate through time. Messer Canada offers the full range of calibration gases with a choice of specifications and cylinder sizes, in addition to many other related products and services. We have the widest range of production capabilities on Canadian soil.

EPA Protocol gases represent the highest standard in terms of quality and reliability. Messer Canada has been manufacturing them in Canada for the past 20 years. Components available locally are:

- CO₂/N₂
- CO/air or N₂
- NO/N₂
- NO₂/air
- O₂/N₂
- Propane/N₂
- SO₂/N₂
- Air and nitrogen CEM Zero grades.

Contact us to enquire about our full capabilities.

Messer Canada Inc.
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Whitby, ON, Canada L1N 5R9

CERTIFICATE OF ANALYSIS

EPA PROTOCOL MIXTURE

Lot #1456710
Part number : 24100918
Cylinder Number : CC85271

PGVP ID # N22020
Procedure: G1
Gas Type Code: NCCO
Cylinder pressure: 2015 psig

Certification date
May 1, 2018

Expiration Date
May 1, 2026

ANALYTICAL RESULTS

Component	Requested Concentration (specifying tolerance)	Date of Assay	Mean Concentration	Certified Concentration (accuracy expressed at 95% confidence)
Carbon Monoxide	15 ppm ± 10%	April 24, 2018		14.26 ± 0.1 ppm
Nitric Oxide	110 ppm ± 10%	April 24, 2018 May 1, 2018		111.3 ± 1.11 ppm
Carbon Dioxide	10 % ± 5%	April 24, 2018		10.0 ± 0.12 %

Messer Canada is also the only gas manufacturer operating two dedicated specialty gas plants in the Country, conveniently located close to the main environmental markets.



● Edmonton

- Specialty Gas Mixes & Pures
- Liquid mixes
- EcoTOP

● Whitby

- Specialty Gas Mixes & Pures
- ★ EPA Protocol Standards
- EcoTOP & Portables
- Regulator Assembly

Specialty gases cylinder formats available:



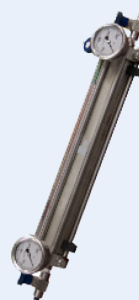
High pressure



EcoTOP



Transportables



Piston

Related Equipment:



Regulators



Switchovers



Gas monitoring

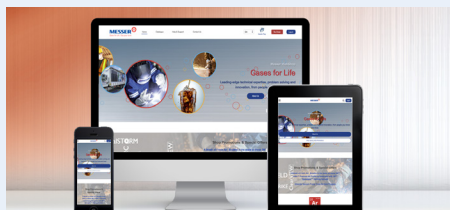


Edwards Vacuum
Pumps

Related Services:



ICC Individual Cylinder Control
Barcode tracking = accurate holdings



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Order online and access documents like packing slips and invoices. Visit our website at www.shop.messer-ca.com.

Main brands distributed:



For more information, do not hesitate to contact your local Messer Canada representative or contact our scientific team at 1-866-385-5349 or scientific@messer-ca.com.

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