

CERTIFICATE OF ANALYSIS

ISO 9001:2015 CERTIFIED
 ISO 17034:2016 ACCREDITED
 ISO/IEC 17025:2017 ACCREDITED

1202 E Sam Houston Parkway S.
 Pasadena, TX 77503
 Phone:(800) 548 2268 Fax:(713) 928 9961

PO Number: 4503448275

Work Order No: 40187200

Manufactured For:
 MSA Safety Sales, LLC
 1000 Cranberry Woods Drive
 Cranberry Township PA 16066
 United States Of America

Certification Date: 07-Nov-2023

Customer Part No: 710882

Cylinder Size: 103DSA

Cylinder Type: DOT-39 NRC 1100/1375 M-110

Cylinder Content: 103 L (3.6 CU.FT.) @ 70 F (21 C) & 1000 PSIG (6890Kpag)

Cylinder Lot No: 287952; 7 of 36 cylinders

Cylinder Serial Nos: 1454895,1454898,1454901,1454902,1454904,1454905,1454906

Component	Nominal	Accuracy	Analytical Method
CARBON MONOXIDE	60 PPM (vol)	+/-2%	Horbis NH3 Gas Analyzer VA-5000
AIR	BALANCE		Teledyne 3000M Series Percent Oxygen Analyzer

The mixture was manufactured or transferred from a standard which has been gravimetrically blended with traceability through NIST to the International System of Units (SI) balance. Balances are calibrated by a certified third party with certified NIST weights and NIST test numbers. **Report Number: BU70910-5022024.** The uncertainty is expressed as an expanded uncertainty $U = kuc$ with uc determined by experiment and a coverage factor $k=2$. The certified value $\pm U$ is presented with a level of confidence of approximately 95%.



Quality Assurance Manager