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Fecha de Emisión: Fecha de Calibración: 22/4/2021

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CERTIFICADO DE CALIBRACION Nº: 116791

:N/S	E0-00186793-C20	Fabricante:	Mine Safety Appliances Company
	Grupo: 8 - (Portable Instrument)	Janean adınba	
nstrumento:	T8 x4 Altair 4x	Equipo nuevo:	IS
:ejueil	obsngisA oV	Equipo en uso:	OUANGIJAO

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		2 Z 3						
mqq 002 - 0	mqq 7180,2	20	20	20	245755	01	mqq 02	Mqq 02 (82H) oəinbirling obiəA
% 001 - 0	% 6996'Z	89	89	89	245755	S	% 89	Metano (CH4) 1,45 %
mqq 0002 - 0	mqq 1330,8	09	09	09	245755	g	mqq 09	mqq 09 (OO) onodrsO əb obixonoM
% 06 - 0	% 9976'0	٩l	91	91	245755	g	% GI	Oxígeno (O2) 15 %

Calibración: Contraste con gas patrón trazable a patrones de peso NIST

Condiciones ambientales de Calibración: (B1611DVQ) Don Torcuato - Buenos Aires

55°C

Presión atmosférica (hPa):

% 89 1012 hPa

Temperatura (°C)

Humedad (%):

Procedimientos de Calibración: De acuerdo al manual de cada equipo

(*) Las especificaciones de tolerancia de medición se encuentran informadas en el manual del equipo.

La trazabilidad de los detectores MSA se realiza a través del número de serie Los resultados son válidos solamente para el equipo ensayado no siendo extensivos a cualquier otro. Límites en el uso: Indicados en el manual del equipo

La reproducción de este documento sólo podrá hacerse integramente sin ninguna alteración.

COMPAÑÍA MSA DE ARGENTINA S.A. SERVICIO TÉCNICO Tec, German Almonio

COD: FOR-SET-03 Cantidad de hojas: 1

CERTIFICATE OF ANALYSIS

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

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



Certification Date: 10-Dec-2020 Work Order No: 34548500

Cranberry Township PA 16066 1000 Cranberry Woods Drive MSA Safety Sales. LLC Manufactured For: PO Number: 4502818425

Cylinder Type: ISO 7866

SJAG88

10045035

Dec 2022

Cylinder Lot No: Cylinder Content: Cylinder Size:

Customer Part No:

United States Of America

Cylinder Serial Nos:

28 L (2 CU.FT.) @ 70 F (21 C) & 500 PSIG (3445Kpag)

245755: 134 of 476 cylinders

BC34S646'BC34S620'BC34S661'BC34S66S

342919, BC342920, BC342922, BC342924, BC342930, BC342931, BC342932, BC342933, BC342939, BC34294 899, BC342900, BC342903, BC342904, BC342907, BC342911, BC342914, BC342917, BC342918, BC BC345863, BC342866, BC342867, BC342879, BC342881, BC342893, BC342894, BC342896, BC342896, BC342896 342835.BC342840.BC342842.BC342843.BC342863.BC342864.BC342860.BC342861.BC342862 789, BC342791, BC342796, BC342807, BC342808, BC342811, BC342813, BC342819, BC342833, BC BC342715,BC342719,BC342779,BC342742 BC342750,BC342762,BC342771,BC342784,BC342 341904.BC342056.BC342079.BC342087.BC342088.BC342091.BC342092.BC342705.BC342705 753, BC341761, BC341762, BC341766, BC341767, BC341776, BC341781, BC341782, BC341899, BC BC341\56'BC341\51'BC341\59'BC341\58'BC341\50'BC341\544'BC341\547'BC341\50'BC341\5 341642,BC341667,BC341669,BC341670,BC341675,BC341683,BC341684,BC341720,BC341721 264,BC341572,BC341584,BC341586,BC341594,BC341595,BC341599,BC341602,BC341622,BC BC341121'BC341246'BC341541'BC341546'BC341550'BC341552'BC341660'BC341662'BC341 341057 BC341063 BC341068 BC34105 BC341105 BC341106 BC341111 BC341114 BC341110 037. BC341040, BC341049, BC341050, BC341053, BC341054, BC341064, BC341068, BC341068, BC341063, BC BC322094,BC322124,BC322211,BC341006,BC341009,BC341011,BC341025,BC341028,BC341 Expiration Date:

	Accuracy Analytic		omponent
d Electrochemical Sensor	efemofuA %01 -/+	(lov) M99 0S	AADBOGEN SOLFIDE
PANSIYZET	00 sdnoH %2 -\+ _012-AIV	(lov) M99 08	SARBON MONOXIDE
1560ND71E0_OHT 000	06 noooM %2 -/+	ENAHTAM) (lov %24. r	JENTANE EQUIVALENT 58% LEL
Oxygen Analyzer		(lov)%21	OXAGEN
		BALANCE	ИТВОСЕИ

level of confidence of approximately 95%. uncertainty U=kuc with uc determined by experiment and a coverage factor k=2. The certified value +-U is presented with a NIST weights and NIST test numbers. NIST Number: BU70910-041220. The uncertainty is expressed as an expanded through NIST to the International System of Units (SI) balance. Balances are calibrated by a certified third party with certified The mixture was manufactured or transfilled from a standard which has been gravimetrically blended with traceability

Quality Assurance Manager

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