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DATE : 13 November 2017

TO : To whom it may concern

SUBJECT : **Calibration of MSA ALTAIR® Portable Instrument with Galaxy® GX2**

Letter of Confirmation

Pursuant to ISEA Statement on Validation of Operation for Direct Reading Portable Gas Monitors, as recommended by 2(a), any portable gas monitor which fails a bump test (function check) must be adjusted by means of a full calibration procedure before further use, or removed from service. Full calibration, as defined by 1(c), should be done in accordance with the manufacturer's instructions. MSA ALTAIR® portable instrument users can perform full calibration either manually or using Galaxy® GX2 Automated Test System.

This is to confirm that, in the absence of failed calibration, there is no requirement from MSA to remove the instruments from service for MSA or third-party calibration. Manuals also do not call for Galaxy® GX2 Automated Test System to be periodically calibrated (see technical datasheet attached).

MSA would like to take this opportunity to thank you for your support, and look forward to continued partnership, bringing new technology and solutions for better protection.

Yours sincerely,

Chloe Lee, BSc(AppSc), MBA
Segment Marketing Manager, OGP & Portables, Pacific Asia Region

GST Reg. No.
M2-0032503-6

RCB Reg. No.
197802733G

GALAXY® & GALAXY GX2 Test Stands—
No Calibration Required

Technical datasheet

MSA GALAXY and GALAXY GX2 System calibration test stands are mechanical devices that deliver calibration test gas and monitor bump testing and calibration processes. MSA frequently fields user questions regarding whether test stands require calibration; test stands do not require calibration.

GALAXY System Operating Manuals identify routine system maintenance including necessary, periodic replacement of inlet filters and seals to ensure proper calibration gas flow through both the test system and detector undergoing calibration or bump check. Some components may be replaced by customers; others require replacement by an MSA Instrument Repair and Service Center or RITE-certified partner.

Manuals do not call for test systems to be periodically calibrated; test systems are in fact gas delivery systems designed to deliver calibration gas from NIST-traceable gas sources from certified calibration gas cylinders. Delivery is achieved via internal demand flow through a mechanical system including a basic valve system, flow monitor, tubing, and the actual test station. Instrument calibration process variables include the basic valve system, detector, calibration cylinder, and regulator. Simply put, GX2 and GALAXY Systems are pass-through devices that control and monitor processes and failures that are identified as part of that process. Therefore, no calibration of the test system itself is required.

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