



## MSA AUTHORIZED/CERTIFIED SERVICE CENTER'S REQUIREMENTS

### RITE

*Covers all MSA Portable Gas Detection Products and Galaxy GX2 Automated Test System*

RITE MSA Authorized/Certified Service Centers must have:

- Facilities, equipment and competent personnel to meet MSA service standards. Refer to Annex 1, 2.
- Assure that maintenance personnel successfully complete the MSA RITE training class under the instruction of an MSA-authorized and qualified instructor.
- Tools and equipment must be purchased prior to class attendance. To be used during the training.
- Sub-agent or subcontractor will not be appointed to be utilized for providing service on MSA products or attend this training.
- A Program Administrator assigned to coordinate with MSA to ensure that:
  - ✓ The Maintenance Center complies with MSA's procedures and recommendations.
  - ✓ MSA Manuals and support materials are kept current.
  - ✓ Yearly Audits and 3 Year refresher courses completed on time.
  - ✓ Upon six years, MSA Certified Repair Persons must attend a Re-Certification class to maintain their listing on their company's certificate (Complete Course).
  - ✓ Maintenance and repair questions are communicated to MSA for resolution.
  - ✓ Reports as required from MSA are provided in the right format.
  - ✓ The quality of the Service Center meets or exceeds MSA's minimum service standards (ASC KPIs).
  - ✓ MSA is notified immediately of any changes regarding the ability of the Service Center to meet the Authorized MSA Service Center requirements or its ability to maintain status as an MSA Authorized Service Center.
  - ✓ Tools and equipment are kept available and in good condition.


**Annex. 1: Tools & Equipment list for RITE ASC:**
**Basic Spares**

P/N	Description	Qty
10114835	Battery pack, rechargeable, North America, ALTAIR 5X	1
10111389	Display assembly, monochrome	1
10148366-SP	Display assembly, color	1
10114804	Sensor bracket assembly with pump, ALTAIR 5X	1
10114805	Sensor bracket assembly with pump, ALTAIR 5X IR	1
10106729	X Cell Sensor, O <sub>2</sub>	1
10106722	X Cell Sensor, COMB	1
10106725	X Cell Sensor, CO-H <sub>2</sub> S,	1
10105253	Main Board Altair 5x	1
10105254	Main Board Altair 5X IR	1
10089321	Calibration Assembly (cap, tube, connector)	1

**Galaxy GX2 Basic system**

10128636	Altair 5/5X GX2 4 Valve	1
10128640	Altair 4/4X GX2 4 Valve	1
10128653	Altair/Altair PRO GX2 1 Valve	1
10127428	Multi-Unit Charger Altair 5/5X	1
10127423	Multi-Unit Charger Altair 4/4X	1
10082834	Jet Eye IR adapter USB	1
10127808	Sticker or Receipt/Sticker Printer	1
10126138	Receipt & Sticker Label Roll (375 labels/roll)	1
10105756	Electronic Cylinder Holder	1
10127111	4 GB SD Card	1
10123938	MSA Link PRO key (red)	1
10123937	Digital Secure USB Key (black)	1

**Calibration Kits**

710288	Demand Regulator	1
467895	Fixed Flow Regulator 0.25 LPM	1
10089321	Calibration Assembly (cap, tube, connector)	1
10034391	Reactive Gases demand regulator	1



### ***Annex. 2: Facility Requirements for RITE ASC:***

- 1. Workshop requirements:** (Depends on the size of the market.)
  - ✓ Floor space from 20 m<sup>2</sup>.
  - ✓ Floor— of a static free material and to control dust. If concrete the floor must be sealed or painted.
  - ✓ Walls – sufficient to maintain adequate heating, air conditioning and humidity control.
- 2. Work benches:**
  - ✓ Wood top work benches 1m x 2.5m are required for repair with proper power plugs.
  - ✓ Anti-static mats are to be used on work benches and floor where electronic parts are to be disassembled or repaired.
- 3. Lighting:**
  - ✓ Fluorescent lighting to be located over each work area to provide adequate light to perform repair service.
- 4. Shipping area:**
  - ✓ Space available for shipping, storage of incoming goods, storage of shipping material, and outgoing products.
- 5. Parts Area:**
  - ✓ Area to store the spares and tools safe and secure.
- 6. Office space:**
  - ✓ An adequate space is to be separated for administration functions.
- 13. Facility HVAC System:**
  - ✓ Adequate Ventilation and Air conditioning is required to maintain the Service Center environment at a constant temperature and relative humidity including the spare storage. Recommend temperature range is 20 -26 degrees C at approximately 30 to 70% relative humidity.
- 14. First Aid:**
  - ✓ A First aid kit and emergency procedures are to be available as required by local regulations. All emergency phone numbers are to be posted at all phones.