

Check off each requirement as met by the site. This checklist must be completed by the Site Manager or Key Instrument Operator prior to installation of the ExD AQ-25x Option. For questions, contact e-MSion at [emsion-support@agilent.com](mailto:emsion-support@agilent.com).

### Instrument

In order for the ExD AQ-25x Option to meet specifications after installation, the mass spectrometer must be in good working condition.

- Instrument is an Agilent 6500 Series Q-TOF. **Model No.:** \_\_\_\_\_ **Serial No.:** \_\_\_\_\_
- All instrument modifications/upgrades have been disclosed to e-MSion: \_\_\_\_\_
- Instrument and instrument Calibrant Delivery System are operational. If unsure of the condition of your instrument, please contact an Agilent Field Service Engineer for assistance.  
*By confirming this, you are allowing a Field Service Engineer to use the initial operating state of the instrument at the time of installation as a benchmark for verifying post-installation system performance.*
- Positive and negative polarity MassHunter Data Acquisition Q-TOF System Tunes have been recently completed and passed, using the standard preparation of tuning mix found in the *Agilent 6200/6400/6500 LC/MS Maintenance Guide* in the Agilent TOF and Q-TOF LC/MS Resource App. **Please return reports with this document.**  
*Prior to the date of scheduled product installation, please ensure that this condition is still satisfied.*
- Either Dual Electrospray Ionization (ESI) or Dual Agilent Jet Stream (AJS) ESI source is operational and will be available for use during installation.

#### Highly recommended:

- Not Required.* An Agilent preventative maintenance will be completed at most three months prior to installation.

### Instrument PC

- Operating system is 64-bit Windows 10 Pro, Enterprise, or Enterprise LTSC.
- Minimum 8 GB of RAM available.
- Local computer administrator privileges will be granted during installation to permit software installation.  
Please arrange computer access privileges and network security permissions with your IT department, including but not limited to items such as firewall rules, antivirus exceptions, and access past Internet blockers.  
It is *highly recommended* that IT is available to provide services during the installation.
- Internet access to instrument PC will be granted for the duration of installation. Remote control/access capability to the local computer must be provided. Please indicate your preference for **one** of the following methods:
  - Microsoft Teams
  - Webex*If neither of these remote access/control methods are feasible, please contact e-MSion to discuss options.*
- Agilent MassHunter Data Acquisition software version is 11.x.  
**Build No.:** \_\_\_\_\_ **Firmware No.:** \_\_\_\_\_  
*If version is not 11.x, please contact Agilent to request an upgrade.*

### Personnel and Supplies

- Key Instrument Operator will be present during installation. **Name:** \_\_\_\_\_
- Customer agrees to provide amidated substance P (minimum 1 mg, CAS no. 33507-63-0) at the time of installation (e.g., Bachem product no. 4010600 or Sigma Aldrich product no. 05-23-0600).  
Refer to the *ExD AQ-25x Option User Guide* for the preparation protocol for substance P tuning standard solution.
- Customer agrees to provide undiluted ESI-L Tune Mix (Agilent P/N G1969-85000) and 0.1 mM HP-0321 from the ES-TOF Biopolymer Analysis Reference Mass Standards Kit (Agilent P/N G1969-85003) at the time of installation.
- Customer agrees to provide LCMS-grade methanol, acetonitrile, water, and formic acid at the time of installation.
- Customer agrees to supply the following clean equipment for sample preparation and infusion at the time of installation: a graduated cylinder (50 mL), calibrated pipettes (2 µL - 1000 µL), a calibrated analytical balance, calibrated syringes, nitrile gloves, and lint-free tissue.

### Collision Cell Gas

*When heated, the ExD cell filament will quickly burn out if exposed to oxygen.*

- Collision cell gas is nitrogen, ≥99.999% purity (ultra-high).
- Collision cell gas supply line uses copper tubing and metal fittings, not plastic or Teflon.

#### Highly recommended:

- Not Required.* Collision cell gas is supplied from a separate tank, not from a generator.

### Network and Power

- Clear, level, raised surface 1.5 ft x 1.5 ft (0.45 m x 0.45 m) capable of supporting 10 lbs (4.5 kg) is prepared for the ExD Controller:
  - Within 8 ft (2.4 m) of TOF-side of instrument.
  - Within 4 ft (1.2 m) of available USB port on instrument PC.
  - Within 8 ft (2.4 m) of available port on instrument ethernet switch.
  - Within 8 ft (2.4 m) of power outlet.
- Power outlet is 100-240 VAC, 50-60 Hz.
- Customer has disclosed power outlet socket type to e-MSion. See <https://www.iec.ch/world-plugs> for socket types.

**By signing my name, I confirm that all site requirements above have been met and that the laboratory and instrument are prepared for installation. I acknowledge that the instrument must be in good working condition for the ExD AQ-25x Option to meet specifications after installation and I accept that I may be liable for Field Service Engineer's incidental expenses if they cannot perform the installation on the scheduled date because this requirement or any listed above are not satisfied.**

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Print Name: \_\_\_\_\_

Title: \_\_\_\_\_ Email: \_\_\_\_\_

Organization: \_\_\_\_\_ Phone: \_\_\_\_\_

Please return completed checklist to [emsion-support@agilent.com](mailto:emsion-support@agilent.com).