**TIAER QAM Appendix 24.7 Standard Operating Procedures**

Standard Operating Procedures/QAM Addenda

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(Table updated as procedures are revised)

**Updated 9/30/21**

Q = Quality Control S = Safety W = Waste *ob*=obsolete d=draft

A = Administrative C = Chemistry I = Instrument R=Radiochemistry

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| QAM-Q-100 | | | 13 | [**Quality Assurance Manual**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-100rev13tiaerqam.pdf) **(copyright by TNI)** | | |
| QAM-Q-101 | | | 14 | [**Laboratory Quality Control**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-101rev14labqc.pdf) | | |
| QAM-Q-102 | | | 15 | [**Laboratory Material Acceptance Criteria**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-102rev15materialacceptance.pdf) | | |
| QAM-Q-103 | | | 17 | [**Laboratory Equipment Maintenance**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-103rev17equipmaint.pdf) | | |
| QAM-Q-104 | | | 13 | [**Data Entry and Review**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-104dataentryrev13.pdf) | | |
| QAM-Q-105 | | | 15 | [**Corrective Actions**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-105rev15correctiveactionlab.pdf) | | |
| *SOP-Q-106* | | | *ob* | *Preparation of Labware* | | |
| QAM-Q-107 | | | 17 | [**Laboratory Personnel Training**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-107rev16training.pdf) | | |
| *SOP-Q-108* | | | *ob* | *Pipette Calibration Verification* | | |
| *SOP-Q-109* | | | *ob* | *Thermometer Calibration Verification* | | |
| QAM-Q-110 | | | 16 | [**Sample Receipt and Login**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-110rev16samplerec-login.pdf) | | |
| QAM-Q-111 | | | 15 | [**Aliquot Preparation and Sample Preservation**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-111rev15aliquotprep.pdf) | | |
| QAM-Q-112  QAM-Q-113 | | | 16  8 | [**Sample Compositing**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-112compositinglabrev16.pdf)  [**Responsibilities of the Laboratory Quality Assurance Officer**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-q-113lqaorev81.pdf) | | |
| QAM-S-101 | | | 13 | [**Laboratory Safety**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-s-101rev13safety.pdf) | | |
| *SOP-A-101* | | | *ob* | *Preparation and Control of Procedures (not laboratory)* | | |
| QAM-A-102 | | | 14 | [**Laboratory Document and Data Control**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-a-102rev14labdocdatacontrol.pdf) | | |
| QAM-A-103 | | | 10 | [**Data Reporting by the Laboratory Manager**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-a-103rev10labdatareporting1.pdf) | | |
| QAM-A-104 | | | 7 | [**Preparation and Control of Laboratory Procedures**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-a-104rev7prepcontlabproc.pdf) | | |
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| QAM-I-101 | | | 11 | [**Operation and Calibration of the Analytical Balance**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-i-101rev11analytbalance1.pdf) | | |
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| QAM-I-103 | | | 12 | [**Operation and Calibration of the UV-Vis Spectrophotometer**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-i-103rev12uvvis.pdf) | | |
| QAM-I-104 | | | 10 | [**Operation and Calibration of the Hach Portable Spectrophotometer**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-i-104rev10hachspec.pdf) | | |
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| QAM-I-116 | | 13 | | [**Preparation of Labware**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-i-116rev13labwareprep.pdf) | | | |
| QAM-I-117 | | 14 | | [**Volumetric Equipment Calibration Verification**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-i-117rev14volequipcal.pdf) | | | |
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| SOP-C-101 | 15 | | [**Determination of Biochemical Oxygen Demand**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/sop-c-101rev15bod.pdf) | | | | |
| SOP-C-102 | 8 | | [**Determination of Chemical Oxygen Demand**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/sop-c-102rev8cod.pdf) | | | | |
| SOP-C-103 | 15 | | [**Determination of Total Kjeldahl Nitrogen and Phosphorus**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/sop-c-103rev15tptkn.pdf) | | | | |
| SOP-C-104 | 12 | | [**Determination of Ammonia as Nitrogen**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/sop-c-104rev12nh3n.pdf) | | | | |
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| SOP-C-113 | 11 | | [**Determination of Specific Conductance**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/sop-c-113rev11speccond.pdf) | | | | |
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| QAM-R-100 | 4 | [**TIAER Lab Radiochemistry Program**](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-r-100rev4tiaerradchemprogram.pdf) |
| QAM-RI-101 | 1 | **[Operation and Calibration of the Ludlum Model 3](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-ri-101rev1opcalmodel3.pdf)**  **[Survey Meter](https://web.tarleton.edu/tiaer/wp-content/uploads/sites/59/2022/01/qam-ri-101rev1opcalmodel3.pdf)** |
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