

Commonwealth of Virginia  
Department of General Services  
Division of Consolidated Laboratory Services  
Richmond, Virginia

**Ch 41 Chemistry Equipment Review**

Laboratory: \_\_\_\_\_

Contact: \_\_\_\_\_ Date: \_\_\_\_\_

*Please complete the information below for equipment used in drinking water analyses for which you wish to be certified.*

| <b>Item</b>                  | <b>Manufacturer</b> | <b>Model</b> | <b>Method(s)</b> |
|------------------------------|---------------------|--------------|------------------|
| <b>Analytical Balance</b>    |                     |              |                  |
| <b>Magnetic Stirrer</b>      |                     |              |                  |
| <b>pH Meter</b>              |                     |              |                  |
| <b>Conductivity Meter</b>    |                     |              |                  |
| <b>Specific Ion Meter</b>    |                     |              |                  |
| <b>Amperometric Titrator</b> |                     |              |                  |
| <b>Hot Plate</b>             |                     |              |                  |
| <b>Water Bath</b>            |                     |              |                  |
| <b>Drying Oven</b>           |                     |              |                  |
| <b>Muffle Furnace</b>        |                     |              |                  |
| <b>Thermometer</b>           |                     |              |                  |
| <b>Refrigerator/Freezer</b>  |                     |              |                  |
| <b>Gas Generator</b>         |                     |              |                  |
|                              |                     |              |                  |
|                              |                     |              |                  |
|                              |                     |              |                  |

Please complete the information below for equipment used in drinking water analyses for which you wish to be certified.

| Item                  | Manufacturer | Model | Method(s) |
|-----------------------|--------------|-------|-----------|
| ICP                   |              |       |           |
| ICP/MS                |              |       |           |
| AA (Flame)            |              |       |           |
| AA (Graphite Furnace) |              |       |           |
| Mercury Analyzer      |              |       |           |
| Spectrophotometer     |              |       |           |
|                       |              |       |           |
|                       |              |       |           |
|                       |              |       |           |

| Item                                  | Manufacturer | Model | Detector         | Method(s) |
|---------------------------------------|--------------|-------|------------------|-----------|
| Ion Chromatograph                     |              |       |                  |           |
| Gas Chromatograph                     |              |       | ECD              |           |
| Gas Chromatograph                     |              |       | ECP              |           |
| Gas Chromatograph                     |              |       | NPD              |           |
| Gas Chromatograph                     |              |       | MS               |           |
| Gas Chromatograph                     |              |       |                  |           |
| Mass Spectrometer                     |              |       |                  |           |
| Purge & Trap System                   |              |       |                  |           |
| High Performance Liquid Chromatograph |              |       | UV @ 254 nm      |           |
| High Performance Liquid Chromatograph |              |       | Photodiode Array |           |