



1600 Dipper Sampler Preventative Maintenance Agreement

Your Hach **1600 Dipper Sampler** Preventative Maintenance Partnership (PMP) provides preventative maintenance service performed on site by a Hach Field Service Technician. As needed, call your Hach Technical Support Team for assistance using the special priority support number, which is included with your partnership documentation. Please have your contract number, model number, and serial number available.

During the pre-scheduled site visit, your Hach Field Service Technician will complete:

Verification of Instrument performance/Maintenance

- Perform limited instrument cleaning.
- Review and evaluate user programmed parameters.
- Verify all instrument connections (including initial evaluation of the network topography).
- Evaluate all instrument alarm and warning conditions (internal to your Hach instrument).
- Verify instrument operating voltages.
- Timer module powers up, verifying power lamp illuminates. Checking fuse, if needed.
- Thumbwheels and display. Thumbwheels have distinct steps between numbers. Display and Interval thumb wheel settings match (Check 1111 through 9999, press Reset after each setting change). Ensure digits are correct and all parts of digit are showing properly.
- Timer function. With Ext./Min. switch set to Min., Interval to 0001 and at Samples/Bottle. Press Reset and check time that dipper samples at 1 minute (+/- 1 sec.), then verify distributor steps (if applicable).
- Cooling system, verifying proper operation.
- Verify software and update as necessary.

Reporting/Certificate of Performance

- Provide Hach Field Service Report with complete documentation of service performed and measurements/readings.
- Issue Certificate of Instrument Performance for each instrument that successfully passes final testing.

Training

- Provide basic end user-training on general instrument operation and maintenance (advance notice required).