

PuroPASS Performance Analysis System Survey offers a comprehensive, on-site evaluation of your ion exchange systems. Our experts will work with your team to gather information, observe operations, review log data and discuss your system history and challenges. When complete, you will receive a detailed assessment and recommendations to optimize performance and help you meet your water treatment targets.

What to Expect

Step 1 - System Tour/Data Collection

Items needed to support discussion and evaluation:

- OEM operating manuals
- Water analysis – design and current influent water
- Walk-through of system and SOPs
- Vessel dimensions
- Resin Types/volumes/ages
- Detailed regeneration procedures (flow rates, times, temperatures, chemical concentrations)
- Performance data
 - Finished water quality
 - Throughput
 - History of performance issues
 - Current resin analysis (if not available, new samples will be taken for analysis)
- Cost data
 - Regen chemicals – acid, caustic, brine
 - Influent water
 - Waste water

Step 2 - Data Review/Initial Findings

- Confirm accuracy of collected data
- Present initial performance findings
- Gather additional information, as needed
- Agree on key issues to include in the PuroPASS Report

Step 3 - PuroPASS Report & Recommendations (Typically completed within 2–3 weeks)

The report and discussion will:

- Fine-tune current operations and procedures
- Assess resin health
- Benchmark current performance vs. “best case” projections
- Evaluate economics of new and/or alternate resins
- Establish an action plan

Through a customized, comprehensive system analysis, our technical experts address your plant's most critical issues.





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Purolite, the leading manufacturer of quality ion exchange, catalyst, adsorbent and specialty high-performance resins, is the only company that focuses 100% of its resources on the development and production of resin technology.

We're ready to solve your process challenges. For further information on Purolite products and services, visit www.purolite.com or contact your nearest Technical Sales Office.



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