Home of the Acoustic Scintillation Flow Meter

Ultimate Performance
As part of our quality and performance improvement program associated with the introduction of our ASFM Advantage, we are currently undertaking a number of initiatives in order to provide flow rate measurement results within the total uncertainty limits required by our customers and/or specified by future test standards and codes for short converging intakes of low-head plants. In the absence of any existing standard or code for these difficult hydraulic conditions, we are aiming at total uncertainties of the flow rate measurement of not more than ±1.5%, and smaller where more favorable measurement conditions exist. These initiatives include:

- A review of our measurement techniques and equipment using our in-house testing facilities.
- A review of state-of-the-art literature on trashrack drag/turbulence analyses and model testing.
- A computational fluid dynamics modeling of trashracks/intakes with the University of Victoria’s Department of Mechanical Engineering on the Minerva supercomputer.

Staff Announcement
AQFlow welcomes Jan Buermans as Sales Manager. He has worked in technical sales for 14 years, the last 3 selling municipal sewage treatment plants. He is an accredited professional engineer in both B.C. and Quebec. Jan may be contacted at (250)656-5529 ext:125 or at jbuermans@aqflow.com.

Meet Us At Events
ASL AQFlow will be attending the following trade shows & conferences. We would like to have a chance to talk to you.

- WaterPower XII  
  July 9 – 11  
  Salt Lake City
- Hydro 2001  
  September 27 – 29  
  Riva del Garda
- IGHEM 2002  
  Hydrovision 2002  
  July 28 - August 2  
  Toronto
- Portland

Nova Scotia Power
The ASFM Advantage, AQFlow’s newest product, has been ordered by Nova Scotia Power. The 5-path, 1 bay configured ASFM will be used at plants in Nova Scotia, Canada on the Mersey River, for testing turbine units.

Other Hydro Solutions
Our parent company, ASL Environmental Sciences, offers a range of related services and products for other hydro applications, such as flow surveys and numerical simulations in forebays and tailraces.

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