

A2LA Accreditation Case Study

# Bison Engineering



American Association for Laboratory Accreditation

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Case Study

## air quality emissions testing providers

Bison Engineering is an employee-owned environmental consulting and engineering firm that specializes in air quality. They offer their customers several service lines, including air emissions testing, ambient monitoring, permitting and consulting services, and gas flow monitor manufacturing. They mainly serve industrial manufacturers, energy producers, mining, wood products facilities, and the oil and gas sector, but can serve any facility with an exhaust stack and the potential to emit air pollutants.

Bison's air emissions testing division is accredited by A2LA to [ASTM D7036-Standard Practice for Competence of Air Emission Testing Bodies \(AETBs\)](#). As part of the A2LA exclusive partnership with the [Source Evaluation Society \(SES\)](#), A2LA offers assessments to the AETBs on behalf of the Stack Testing Accreditation Council (STAC) and SES Data Quality Committee for organizations in the stack testing industry.

The U.S. Environmental Protection Agency (EPA) mandates that AETBs performing emissions tests and Continuous Emission Monitoring System (CEMS) evaluations under 40 CFR Part 75 adhere to [ASTM D7036-04 standards](#).

***“Air quality affects everyone,” said Jennifer Kessler, Environmental Scientist and Quality Manager at Bison Engineering. “Protecting and improving air quality directly impacts environmental and human health, so better air quality means better health for everyone. It also helps our customers ensure that their processes are running smoothly, because when emissions increase, it’s generally an indication that something isn’t working properly. When things don’t work properly, a facility may face increased operational costs.”***

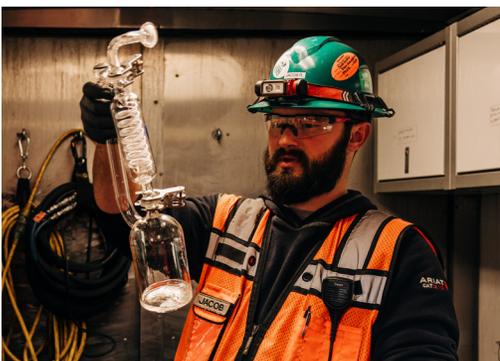


## Joining a Quality Community

Bison Engineering has been accredited with A2LA since 2017. At this time, the company had recently purchased another AETB and the purchasing agreement included maintaining compliance to ASTM D7036. In addition, A2LA accreditation opened many doors to new business relationships, as some organizations are required by environmental regulations to work with an accredited AETB.

“We chose A2LA because of their partnership with the Stack Testing Accreditation Council,” said Ms. Kessler. “Bison has been accredited since 2018. I’ve worked with A2LA staff during our accreditation renewal process and they are consistently professional and helpful. They’re always detail oriented and a pleasure to work with.”

Ms. Kessler is also part of [A2LA Membership](#), a separate program apart from accreditation for individuals and organizations committed to supporting, growing, and promoting values of quality and competence through accreditation. A2LA Members have access to a long list of exclusive benefits including industry discounts, online resources, quarterly newsletters, online forums, job boards, and much more.



***“I like the exclusive content I get in the quarterly newsletters and appreciate the documentation updates. When I’m not sure how to approach something, the membership resources help give me ideas.”***

One benefit of membership is discounted registration to [A2LA’s Annual Conference](#), a unique industry event that offers quality professionals an opportunity to meet face-to-face, learn new skills, and collaborate on topics associated with the accreditation industry.

Jennifer adds, “I went to AnnCon23 and the information in the sessions were very useful. I thoroughly enjoyed it and I recently registered for AnnCon26.”

Bison Engineering’s A2LA accreditation and membership has allowed them to join a community of professionals dedicated to quality within their organizations and who strive to improve the quality of test results around the world.





## Quality Deliverables and Defensible Data

The team at Bison Engineering displays their accreditation status on their website, new business proposals, the calendars they gift to their clients, and elsewhere, as a clear indication of their focus on quality and continuous improvement.

***“Our accreditation has improved our overall organization by encouraging policies and procedures that work for us and that also improve the services we provide,” said Ms. Kessler. “It’s proof of our commitment to quality, our ability to perform testing properly the first time, and the fact that we provide quality deliverables and defensible data.”***

Bison Engineering strives to continually improve in order to provide their clients with the highest quality data possible. Ms. Kessler adds, “Our clients rely on us to provide quality data because the data we provide affects their environmental, health and safety processes, their permitted limits, and ultimately their bottom line.”

Ready to start your accreditation journey? Request a quote by visiting [A2LA.org/estimate-request](https://www.a2la.org/estimate-request). Contact A2LA at [info@A2LA.org](mailto:info@A2LA.org) or call at 301-644-3248.

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