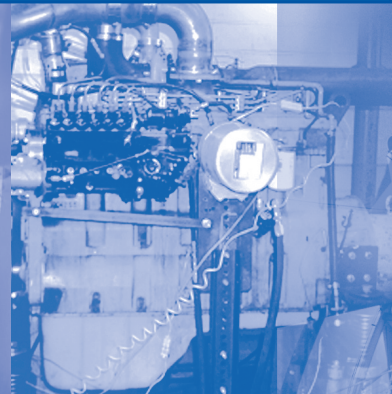


US EPA ARCHIVE DOCUMENT



What Is ETV?

Mission: To accelerate entrance of innovative technologies designed to reduce risks to human health and the environment into the domestic and international marketplace.

Operation: ETV centers operate independently as stakeholder-driven third parties. The EPA provides oversight, review, and approval of center documents.

Established: EPA established the ETV Program in 1995.

Contributions:

- ETV helps reduce detrimental health and environmental effects from pollutants by encouraging the purchase and use of the most effective control and monitoring technologies available.
- ETV supports sustainable development by encouraging entrepreneurial efforts while protecting citizens and the environment.
- ETV creates a forum for industry, technology users, and government to explore environmental technologies.
- ETV aids EPA and state programs by making available high quality, credible technology performance data.

Stakeholders:

Stakeholders include technology buyers and sellers, permittees, consultants, financiers, exporters, EPA, the public.

Air Pollution Control Technology Center

The Air Pollution Control Technology (APCT) Center, a verification center in the ETV Program, operates as a partnership between EPA and RTI International. The Center involves industry, government, and public stakeholders at all levels of the verification process.

The APCT Center verifies the performance of commercial-ready technologies designed to control stationary and mobile air pollution sources and to mitigate the effects of indoor air pollutants. Control technologies the Center addresses include diesel engine emission controls, baghouse filtration products, nitrogen oxides (NO_x) and volatile organic compound (VOC) control devices, outdoor wood-fired hydronic heaters, dust suppression and soil stabilization products, paint overspray arrestors, and indoor pollution mitigation products.

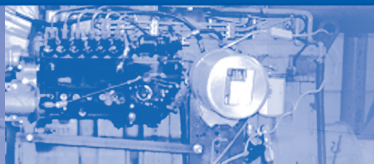
All testing employs approved protocols or plans that incorporate stakeholder interests, and verified performance is reported in verification reports with statements signed by EPA. RTI International contracts with qualified testing organizations to perform verification tests.

The APCT Center is closing as early as August 31, 2012. In order to complete in-process verification tests by that date, new applications for verifications of all technologies other than baghouse filtration products (BFPs) are no longer being accepted as of October 31, 2011. Applications for BFP verifications are being accepted through February 14, 2012. All verification reports are targeted for completion and posting to the ETV website before August 31, 2012.

Benefits of APCT Verification

Because it is an independent entity, the APCT Center can assure all those with a stake in new environmental technologies that the verifications performed derive from unbiased testing and that they are credible, of the highest quality, consistent, useful, and widely accepted

| | |
|--------------------------------------|---|
| Developer and Vendor Benefits | Provides sound science-based marketing advantage |
| | Enhances regulatory acceptance |
| | Accelerates new or improved technologies into the marketplace |
| | Adds confidence for investors and lenders |
| User and Purchaser Benefits | Provides independent, credible performance data |
| | Allows easier evaluation of competing technologies |
| | Facilitates permitting process |
| | Provides access to expertise in performance measurement |
| Permitter Benefits | Facilitates permit preparation |
| | Adds confidence in control system performance |
| | Improves ability to make informed decisions |
| Public Benefits | Advances technologies that benefit human health and the environment |
| | Increases confidence in continuous, effective control of pollutants |
| | Fosters cooperation between industrial and public interests |



Stakeholder Involvement

Stakeholders Advisory Committee

A stakeholders advisory committee (SAC) assists the APCT Center in assessing available commercial-ready technologies and their potential environmental impacts and provides the Center guidance, direction, and assistance in selecting and prioritizing technologies for verification testing. Priorities are set to maximize benefits to the environment and human health and contributions to sustainable development.

The 21 members of the SAC have broad experience in the air pollution control field. Involving representatives from state and local agencies, developers/vendors, buyers/users, environmental associations, consultants, and EPA, the SAC provides the Center with a diversity of opinions and viewpoints concerning air pollution control technologies and their application.

Meetings are open to the public (for meeting minutes, see: <http://epa.gov/etv/ms-apc.html>).

Stakeholder Technical Panels

The APCT Center also convenes technical panels to assist with preparation of verification protocols and to provide advice with respect to performance and testing issues related to a technology. As with the SAC, technical panels include a cross section of stakeholders, and members are selected for their specialized knowledge and interest in the technologies being evaluated.

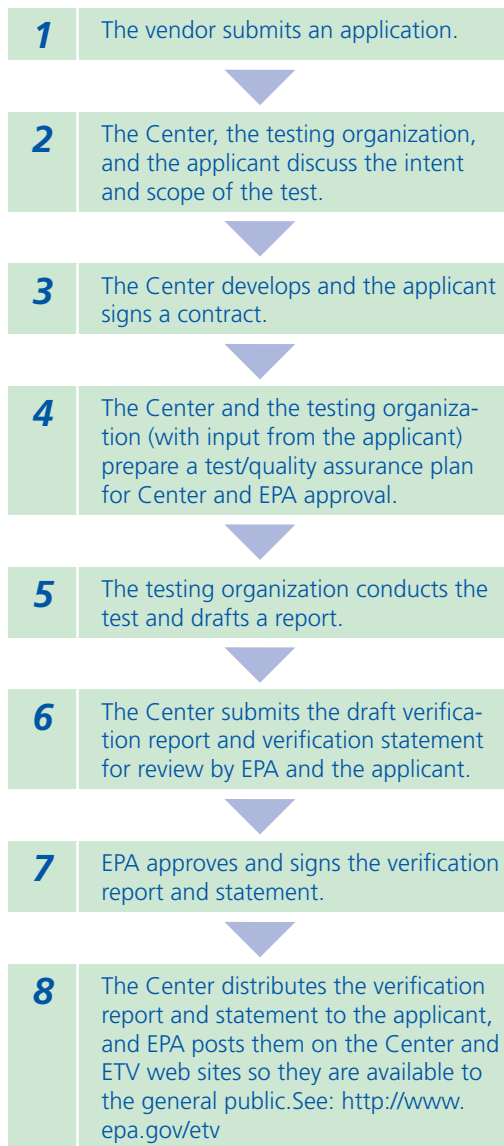
Center Resources

The APCT Center web site (<http://epa.gov/etv/center-apc.html>) makes information and documentation easily available. Names of members and minutes of SAC and technical panel meetings, verification protocols, test/quality assurance plans, verification reports, verification statements, recent publications, and other relevant documents are available on the web site for viewing or downloading.

The APCT Center database includes contact information for over 900 air pollution control technology developers/vendors and other interested parties. To be added to the database—used to distribute information about meetings, the availability of new documents, and announcements concerning technologies—you may contact the APCT Center.

Steps in the Verification Process

After stakeholders help set technology priorities and develop verification protocols, vendors may apply to the Center for verification testing of their technologies. The verification process follows the general steps below, regardless of the technology area.



For more information about RTI International or the APCT Center:

Access our web site at <http://epa.gov/etv/center-apc.html> or contact:

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