TA

Technische Anleitung
Technical Instruction
Instruction technique

TA-022/19

Status 04.04.2019

Conditions and Procedures to Become VERT Accredited for EAS Certification Testing

Conditions to become VERT accredited

- This accreditation will be limited to exhaust aftertreatment systems (EAS) of best available technology (BAT)
- The testing organization TO must be independent, must declare to have no interest conflict in each particular case, must be able to protect the respective documents and willing to guaranty confidentiality.
- The TO must be equipped with all required laboratory installations and instrumentation and demonstrate the expertise to perform the VERT testing according to SN 277206.
- The TO must accept VERT-audits to check the available installation and supervise the procedures.
- Reporting of the test results by the TO will be in English language and according to the VERT requirements. Reports will only be disclosed to the respective client and to the VERT Scientific Committee or with consent of the client to authorities.
- Based on the TO reports the VERT Scientific Committee will take the final decision whether the EAS tested by the TO can be VERT certified or not. In a positive case the client can require to be listed in the VERT filter list.
- The TO can select to become accredited to execute all VERT tests or just one of them like e.g. VFT1. In each case the TO must perform the respective “round robin test” once in parallel to the VERT accredited laboratory AFHB /Biel.
- From the overall testing fees, VERT will receive a certification license of 12 %.
- The TO will be entitled to use the VERT trade mark.
- The TO shall become a VERT-member.
- The accreditation must by confirmed by an audit every second year.
- VERT can withdraw the accreditation in case the TO violates VERT rules or contracts.

Procedures to become accredited to perform VERT-tests

1. TO will send an official request to become VERT accredited.
2. VERT will acknowledge this request and confirm to proceed.
3. VERT and TO will sign a MoU based on this TA and a non-disclosure agreement NDA.
4. VERT will provide all respective technical documentation in English language.
5. TO will select the testing package: either all VERT tests or a limited number of tests like the VERT filtration test VFT1, the VERT endurance test VFT2, the VERT aging test VFT3, the VERT secondary emissions test VSET or others.
   This decision can be upgraded later by the expressed interest of the TO.
6. Invited by the TO, VERT will perform a first audit limited to installations and instruments required for the respective tests.
7. For the “round robin test” the TO will select an EAS. This system may come from his first client intending to receive a VERT certification. For the test at AFHB the client will be charged by VERT according to the standard VERT testing fee.
8. Test results from both laboratories, the VERT accredited laboratory AFHB in Switzerland and the TO will be compared by the VERT Scientific Committee, which will take the final decision.
9. In case this decision will be positive, the TO will receive the accreditation and be listed on the VERT filter list chapter 6 as “VERT accredited test center”.
10. From this date on the TO is entitled to perform all VERT tests he is accredited for, for clients from any country at commercial conditions the TO can decide himself however, including a certification license of 12 % for VERT.
11. In his relationship with clients the TO must clearly state that the testing organization is solely responsible for proper VERT-conform testing and has not the authority to grant the official VERT certification, which only VERT Scientific Committee can grant.
12. The TO will guarantee a safe registration and storage of the test reports and confidentiality which will be mentioned expressis verbis on each single report.

VERT Documents for Certification Testing, Approval & Control

- SN 277 206 including all sub-standards describing test procedures and metrology
- VERT Filter List including approval criteria for VERT certification
- VERT standard reports for VFT1, VFT2 (3), VSET
- TA 003/18 VERT Testing of Particle Filter Systems
- TA 004/18 VERTdeNOx-Certification (*draft*)
- TA 005/18 VERT Approval Criteria for Particle Filters
- TA 006/18 VERT DPF OBC – Onboard Electronic Control & Monitoring
- TA 010/18 VERT Requirements for FBC Dosing (*German only*)
- TA 011/18 VERT Local Approval of DPF-Systems
- TA 012/18 VERT Particle Filter Tests on Engine Test Bench
- TA 013/18 VERT Certificates for EAS

4th April 2019

The VERT Scientific Committee