

AdBlue® Audit Program

VDA QMC

German Association of the Automotive Industry
Quality Management Center

Advantages of the AdBlue®-Audit

- To be an approved and certified AdBlue®-licensee of VDA is an important advantage for the market of high quality urea AUS 32
- Certified companies show their intention and commitment to produce and to provide a product, which fulfills the requirements of ISO 22241 in an exemplary manner
- Planning and coordination (worldwide) of audits is performed by VDA QMC
- VDA QMC is your professional partner
- List of approved AdBlue-organizations will be published on VDA's homepage
- VDA QMC is co-operating with other groups and active members of AdBlue® licensees
- Issuing of the audit certificate by VDA QMC
- The audit report and the auditor's recommendation are the basis for issuing the AdBlue®-certificate
- Audit certificate has a validity of three years
- Auditors are independent sub-contractors of VDA QMC
- All auditors are trained, approved and certified by VDA QMC
- Audit cost are charged to the audited organization on a daily basis (1.100 € per audit day and 70 € per travel hour)
- Administrative cost for issuing of the certificate are 300 € per certificate
- In case of violation of licensing requirements VDA takes legal action to protect its trade mark
- All correspondence and documents are conducted in English

Administrative proceeding

The responsible person of a company, which intends to conduct an AdBlue® audit, has to contact VDA QMC. Current responsibilities inside VDA QMC can be checked at QMC's homepage.

The representative of the company and QMC will agree upon the scope, the location and the time frame of the audit. Afterwards QMC will determine the auditor and exchange the contact data between auditor and the responsible contact person of the company.

Scheduling and definition of further details of the audit will be clarified between the auditor and the responsible contact person of the company directly.

After conclusion of the audit QMC will issue the certificate, update the data base and conduct the financial settlement.

Audit-steps



Inspection of the management system documentation



Inspection of the process instructions



Observations and Interviews on shop floor



Internal discussion between the auditors and evaluation



Creation of audit report

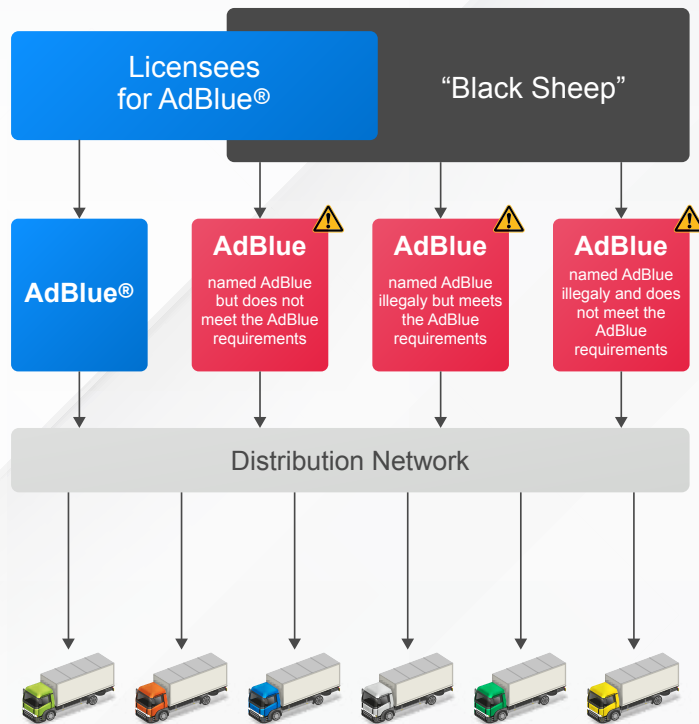


Presentation of audit results



Definition of corrective actions; as far as necessary

The challenge



- ISO 22241-3 requires responsibility of AdBlue® licensees for both sides of the supply chain on manufacturer's side
- Licensees have the responsibility to control their part of the distribution chain to ensure the quality of AdBlue® all over
- As far known, there may be companies, which do not fulfill these requirements
- Those candidates shall also be discovered by auditing the licensees and their subcontractors
- Auditing includes crosschecking and testing of the quality characteristics of AdBlue® being produced by independent and accredited laboratories

Estimation of cost

Audit fee per day	1.100 €
Travelling fee per hour	70 €
Estimated cost for travelling of the auditor per location	600 €
Estimated cost for overnight accommodation of the auditor per night	120 €
Fee for issuing of the certificate	300 €

Example of audit

A company with a production volume of 138.000 tons per year might have 3 production sites. Only 1/3 of the sites must be audited every three years, which means 1 per audit.

The auditor has to trace 5 batches during the audit by investigating the documentation. For 1 of the 5 batches he has to conduct additional on-site inspections at every link of the distribution chain. Assuming that he has to audit 2 links, the audit will be conducted at 3 locations during 3 audit days.

Within the audit the auditor has to take 2 samples of AdBlue® production material for crosscheck, which cost 650 € per test.

Auditor fee	3.300 €
Travelling fee	1.540 €
Travelling cost	1.800 €
Overnight accommodation	720 €
Crosschecking	1.300 €
Fee for issuing of the certificate	300 €
Total	8.960 €

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