

<b>Legal Metrology Policy</b>		 <b>NRCS</b> national regulator for compulsory specifications	
Policy Number	LM-P-032-10-14	Compiled by: HP Ferreira	Signature: 
Effective Date	2014-10-20		
Version No:	1	Approved by: S Carstens	Signature: 
File name:	LM-P-032-10-14- Evidential Breath Analysers (EBA)-Type Approval Criteria		

## 1. Background

Legal Metrology, Type Approval does evaluations on test reports for evidential breath analysers tested according to the National Standard(s) with the view to issue a national Type Approval Certificate in terms of section 22 of the Legal Metrology Act, Act 9 of 2014.

The application forms, test reports and any other document(s) required for the evaluations shall be submitted to Legal Metrology, Type Approval to start the process.

It is the policy of Legal Metrology in South Africa, as utilizing members/signatories to the Declaration of Mutual Confidence (DoMC) of the OIML Mutual Acceptance Arrangement (MAA) scheme, that we accept Certificates of Conformity and the associated test reports of instruments, issued in terms of the scheme, towards type approval.

However the South African National Standards (SANS 1793) differ from the OIML R126 for evidential breath analysers, therefore it is not possible to accept OIML Certificate of Conformity (CoC) and the associated test reports without a proper validation of the test results.

## 2. Scope

To provide to Type Approval staff and submitters of evidential breath analysers the criteria to be used for the acceptance of test results towards national Type Approval.

## 3. Reference documents

Legal Metrology Act, Act 9 of 2014.  
SANS 1793: Evidential Breath Analysers  
NRCS-CPO 112-00: NRCS Conformity Assessment Policy

## 4. Guidelines

### 4.1. Evidential Breath Analysers Test Results

The following evidential breath analyser(s) test results may be considered, subject to validation by Type Approval, when received from the following institutions/facilities:

- a) Test results from facilities which are accredited as a test laboratory in terms of SANS 17025, and have included in their Schedule of Accreditation the applicable type approval tests for evidential breath analysers as described in the South African national standards.

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The following documentation shall accompany the type approval application documentation:

- Schedule of accreditation of each laboratory, who performed type approval tests,
- Schedule of accreditation of each laboratory who supplied the reference material (physical standard(s)) (gas of a given mass concentration) to the test laboratory(s) that performed the type approval tests.

b) Copy of an OIML-R126 - Certificate of Conformity (CoC) registered with the BIML and its associated test reports.

Once the laboratory(s) credentials had been successfully reviewed, a Type Approval Technologist shall evaluate all the tests results performed as per the requirements of SANS 1793.