To apply for A2LA accreditation under the chemical field of testing, each applicant is required to identify the test type/test technology and list of standard test methods (by designation and title) for which accreditation is sought on table-A below. Please also list the specific analytes being tested for with each test. In addition, please identify the types of products and materials you perform such analyses on table-B below. This will ensure that an assessor’s technical expertise is correctly matched to the testing that your laboratory performs and enables A2LA staff to generate the desired draft Scope of Accreditation.

Refer to the example proposed scope of accreditation (0000.01) on the next page for reference when entering the required information in tables A and B. Submission via electronic means is preferred.

**Table-A**

 Test Type/Technology: Test Method(s):

|  |  |
| --- | --- |
| e.g. Nicotine and Water in Smoke Condensates | ISO 10315, ISO 10362-1 FTC: 21 FR 11178, FR 46483 |
| e.g. Carbon Residue, Ramsbottom-10%n Residue | ASTM D524 |
| e.g. Gravimetric Filtration  | ASTM D4898 |
| e.g. Wet Chemistry Measurements Convenin 1245 Titrametric (Volumetric) ISO 2597; NMX-B-438 | ISO 2597, NMX-B-438 |
| e.g. Optical Emission Spectrometry (OES) | ASTM E1251, E716 |
| e.g. Flame AA Spectrophotometry (Zn, Mg, Cu, Na, Ca, Cr, Ni, Sb, Fe, Pd, Be, Si)  | ASTM E1024 |
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|  |  |
| Please attach sheet(s) for additional tests |

## Table-B

Types of products and materials that the laboratory tests:

|  |
| --- |
| e.g. adhesives, animal drugs, fasteners, coatings, coal, paper, foods**,** plastics and polymers, petroleum products (oil, tar, lubricants), surfactants, tobacco, andmetals |
|  |
|  |
|  |

# *PROPOSED SCOPE OF ACCREDITATION*

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EXAMPLE DRAFT SCOPE LABORATORY

12345 Main Street

*Identify the product(s) and/or materials on which you perform testing.*

Frederick, MD 21704

John Doe Phone: 555 555 5555

CHEMICAL

Valid To: May 31, 2022 Certificate Number: 0000.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test on powdered metals, hydrocarbons and related petroleum compounds, tobacco, and tobacco smoke:

|  |  |
| --- | --- |
| **Test and Technology:** | **Test Method(s)1,2:** |
| Analysis of Refinery Process Solutions (B, Cu, As, Co, Fe and Pb by ICP) | TL-013 |
| Carbon Residue, Ramsbottom-10% Residue  | ASTM D524 |
| Flame Atomic Absorption Spectrophotometry (Zn, Mg, Cu, Na, Ca, Cr, Ni, Sb, Fe, Pd, Be, Si)  | ASTM E1024 |
| Gravimetric Filtration | ASTM D4898 |
| Nicotine and Water in Smoke Condensates | ISO 10315 ISO 10362-132 CFR 1117845 CFR 10362-01Internal Procedure T-001 |
| Optical Emission Spectrometry (OES) (Si, Fe, Cu, Mg, Zn, Sn, Ni, Li, Mn, Cr, Sr, Pb, Bi, Cd, Ti, Be, V, Ca, Ga, B, Na, Zr, Sb, P) | ASTM E1251ASTM E716 |
| Optical Emission Spectroscopy Steel Products (less Nitrogen) | ASTM A751 |
| Spectroscopy XRF (Cd, Pb) | WIME002 |

**1**Please note that a laboratory can be accredited to in-house procedures/test methods in combination with or in lieu of internationally recognized test methods.

 2Please note that to be considered for accreditation, a copy of each selected test method and the requisite equipment must be available at the laboratory.

# DOCUMENT REVISION HISTORY

|  |  |
| --- | --- |
| **Date** | **Description** |
| 01/05/19 | * Integrated into Qualtrax
 |
| 03/05/18 | * Updated to ISO/IEC 17025:2017 and to current formatting requirements
 |
| 09/12/19 | * Updated Header/Footer to current version
* Updated format and font for consistency
 |
| 09/29/2020 | * Non-editorial grammatical and formatting edits.
* Added in requirement to list analytes.
* Modified format of draft scope to place in a table.
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