

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 469**

of **Kiwa Expert B.V.**
also trading as Kiwa Technology

This annex is valid from: **12-04-2024** to **01-05-2027**

Replaces annex dated: **13-09-2023**

Location(s) where activities are performed under accreditation

Head Office

Wilmersdorf 50
7327 AC
Apeldoorn
The Netherlands

Location	Abbreviation/ location code
Wilmersdorf 50 7327 AC Apeldoorn The Netherlands	AP

This annex has been approved by the Board of the
Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

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No.	Material or product	Type of activity ¹	Internal reference number	Location
Natural gas / other flammable gases				
1.	Natural gas	<p>Determination of the natural gas components: Helium, Argon, Hydrogen, Oxygen, Nitrogen, Carbon Oxides, Methane, Ethane, Propane, Iso-Butane, n-Butane, Neo-Pentane, Iso-Pentane, n-Pentane, 2,2-dimethylbutane, Cyclopentane + 2,3-dimethylbutane, 2-methylpentane, n-hexane, 3-Methylpentane, C7 Hydrocarbons, C8 Hydrocarbons, Benzene, Toluene using GC-TCD/FID</p> <p>Calculation of the lower and upper calorific value, the density, the relative density, compressibility and the Wobbe index based on the composition.</p>	<p>ISO 6974 ISO 6976</p>	AP
2.	Other flammable gases ²	<p>Determination of the components of other flammable gases: Helium, Argon, Hydrogen, Oxygen, Nitrogen, Carbon Oxides, Methane, Ethane, Propane, Iso-Butane, n-Butane, Neo-Pentane, Iso-Pentane, n-Pentane, 2,2-dimethylbutane, Cyclopentane + 2,3-dimethylbutane, 2-methylpentane, n-hexane, 3-Methylpentane, C7 Hydrocarbons, C8 Hydrocarbons, Benzene, Toluene using GC-TCD/FID</p> <p>Calculation of the lower and upper calorific value, the density, the relative density, compressibility and the Wobbe index based on the composition.</p>	<p>ISO 6974 ISO 6976</p>	AP

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on [RvA-BR010-lijst](#).
 If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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Asphalt tests				
3.	Dichloormethane extract	Determination of the content of polycyclic aromatic hydrocarbons (PAH10); GC-MS Naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, benzo(g,h,i)perylene.	WI 800 en WI 801 in-house method	AP
Plastics (physical tests)				
4.	Polyethylene	Determination of the Strain Hardening Modulus (resistance to slow crack growth); tensometer	ISO 18488	AP
5.		Determination of environmental stress cracking; full-notch creep test (FNCT)	NEN-ISO 16770	AP
6.		Determination of resistance to crack propagation; test method for slow crack growth on notched pipes	ISO 13479	AP
7.		Determination of resistance to slow crack growth under cycling loading; Cracked Round Bar test method	ISO 18489	AP