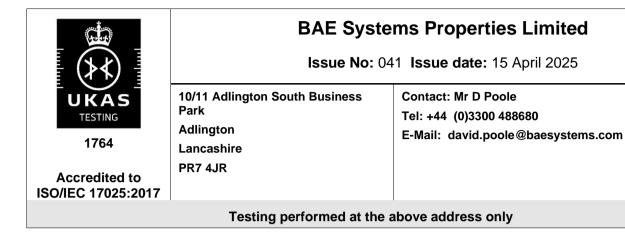
# **Schedule of Accreditation**

issued by

**United Kingdom Accreditation Service** 

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used		
[ISO/IEC 17025]	Chemical Tests	Documented In-House Methods:		
SOILS	NC (Nitrocellulose)	Method No ESAL/QC/4, Part a and I, using solvent extraction followed by colorimetric test		
	NC (Nitrocellulose)	Method No ESAL/QC/4, Part a and m using solvent extraction followed by Differential Scanning Calorimetry		
	Explosives (residential levels) HMX RDX EGDN Tetryl NG (Nitroglycerin) TNT PETN HNS 2,6-DNT 2,4-DNT	Method No ESAL/QC/4, Part a, j and k, using solvent extraction and HPLC with UV detection		
	Picric Acid Picrite	Method No ESAL/QC/4 Part a and HPLC Soils using solvent extraction and HPLC with UV detection		



Accredited to ISO/IEC 17025:2017

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United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

## **BAE SYSTEMS Properties Limited**

Issue No: 041 Issue date: 15 April 2025

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
[ISO/IEC 17025]	Chemical Tests (cont'd)	Documented In-House Methods:
SOILS (cont'd)	Polyaromatic Hydrocarbons (PAHs): Fluoranthene Benzo(b)fluoranthene Benzo(a)pyrene Benzo(a)pyrene Benzo(g.h.i)perylene Indeno(1,2,3-cd)pyrene Naphthalene Acenaphthylene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Pyrene Benzo(a)anthracene Chrysene Dibenzo(a,h)anthracene Total PAH (Sum of 16 above)	Method No ESAL/QC/4, Part a and s, using solvent extraction and GC-MS
	Banded Aromatic and Aliphatic Extracted Petroleum Hydrocarbons (EPH): Benzene Toluene Ethyl Benzene m+p-Xylene o-Xylene MTBE C <sub>6</sub> -C <sub>7</sub> (Benzene) Aromatics >C <sub>7</sub> -C <sub>8</sub> (Toluene) Aromatics >C <sub>7</sub> -C <sub>8</sub> (Toluene) Aromatics >EC <sub>8</sub> -EC <sub>10</sub> Aromatics >EC <sub>10</sub> -EC <sub>12</sub> Aromatics >EC <sub>10</sub> -EC <sub>12</sub> Aromatics >EC <sub>10</sub> -EC <sub>21</sub> Aromatics >EC <sub>10</sub> -EC <sub>21</sub> Aromatics >C <sub>5</sub> -C <sub>6</sub> Aliphatics >C <sub>6</sub> -C <sub>8</sub> Aliphatics >C <sub>8</sub> -C <sub>10</sub> Aliphatics >C <sub>10</sub> -C <sub>12</sub> Aliphatics >C <sub>12</sub> -C <sub>16</sub> Aliphatics >C <sub>12</sub> -C <sub>15</sub> Aliphatics	Method No ESAL/QC/4 parts a and TPHCWG, using GC-MS and GC- FID



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
[ISO/IEC 17025]	Chemical Tests (cont'd)	
SURFACE and GROUND WATERS	Picric Acid Picrite	Method No ESAL/QC/4, part HPLC Waters, using pre concentration and HPLC with UV detection
SURFACE and GROUND WATERS	Explosives HMX RDX EGDN Tetryl NG (Nitroglycerin) TNT 2, 6 DNT 2, 4 DNT PETN	Method No ESAL_QC_4HPLC DAD Waters, using HPLC, solid phase extraction and diode array detector



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
[MCERTS]	<u>Chemical Tests</u>	Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soils
SOILS	Explosives: (residential levels) HMX RDX EGDN Tetryl NG (Nitroglycerin) TNT PETN HNS 2,4-DNT 2,6-DNT	Method No ESAL/QC/4, Part a, j and k, using solvent extraction and HPLC with UV detection
	Picric Acid Picrite	Method No ESAL/QC/4 Part a and HPLC Soils using solvent extraction and HPLC with UV detection
	NC (Nitrocellulose)	Method No ESAL/QC/4, Part a and m, using solvent extraction followed by Differential Scanning Calorimetry
	Polyaromatic Hydrocarbons (PAHs): Fluoranthene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Benzo(a)pyrene Benzo(g.h.i)perylene Indeno(1,2,3-cd)pyrene Naphthalene Acenaphthylene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Pyrene Benzo(a)anthracene Chrysene Dibenzo(a,h)anthracene Total PAH (Sum of 16 above)	Method No ESAL/QC/4, Part a and s, using solvent extraction and GC-MS
	END	