

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>University of Hertfordshire, Biodeterioration Centre</b>	
	<b>Issue No: 010</b> <b>Issue date: 14 October 2010</b>	
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<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MIDDLE DISTILLATE FUELS AND OILS	<u>Microbiological Tests</u>  Enumeration of:  Mould fragments    Microbial viable count including <i>Hormoconis resinae</i>	FQT1.1 - Documented In-House Method using membrane filtration and microscopy based on: "IP 472, Determination of fungal fragment content of fuels boiling below 390 °C" The Institute of Petroleum, 2002  FQT 2.1 - Documented In-House Method, using membrane filtration, microscopy and incubation at 22 °C based on: "IP 385, Determination of viable aerobic microbial content of fuels and fuel components boiling below 390 °C - Filtration and culture method" The Institute of Petroleum, 1999
Middle distillate fuel water bottoms	Yeasts and Moulds	WQT 9.1 - Documented In-House Method by spread plate using Malt Extract Agar and incubation at 22 °C
WATER as specified	<u>Microbiological Tests</u>  Enumeration of:	Documented In-House Methods based on procedures in The Microbiology of Drinking Water (MODW)
Potable, process, natural	TVC at 22 °C and 37 °C	WQT 1.2 - spread plate on YEA based on MODW Part 7, 2007



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS as specified (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods based on procedures in The Microbiology of Drinking Water (MODW) (cont'd)
Potable, process, natural	TVC at 30 °C	WQT 1.1 - spread plate on YEA based on MODW Part 7, 2007
Potable, surface, Domestic Service	E coli/Coliforms (confirmed)	WQT 2.1 - by membrane filtration using MLSB based on MODW Part 4, 2009
Domestic Service, Industrial	<i>Pseudomonas</i> spp (presumptive)	WQT 5.1 - spread plate using CFC agar at 30 °C based on MODW Part 8, 2010
Potable (including vending), Recreational/natural, Process	<i>Pseudomonas aeruginosa</i> (presumptive and confirmed)	WQT 5.2 - by membrane filtration using CN agar at 37 °C based on MODW Part 8, 2010
Domestic Service water, Process	<i>Legionella</i> spp including <i>Legionella pneumophila</i> serogroup 1 and <i>Legionella pneumophila</i> serogroup 2-14	WQT 6.1 - Documented In-House Method based on ISO 11731/ BS 6068-4.12:1998 with serotyping by latex agglutination
	END	