


# 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>	<h3>Petroplus Refining and Marketing Limited</h3> <p>Issue No: 017    Issue date: 08 February 2011</p>	
	<p>Coryton Refinery Analytical Services The Manorway Coryton Stanford-Le-Hope Essex SS17 9LN</p>	<p>Contact: Mr K Truman Tel: +44 (0)1375 647123 Fax: +44 (0)1375 647199 E-Mail: Kevin.Truman@petroplus.biz Website:</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PETROLEUM and PETROLEUM PRODUCTS	<u>Chemical and Physical Tests</u>	Flexible scope enabling new versions of existing accredited standard test methods to be introduced in accordance with documented in house procedures.
		Documented In-House Methods in the series CRM 000
	Cetane number of diesel fuel oil	ASTM D613-05 (SOP 89) ASTM D613 EN ISO 5165
	Flash point - Abel (Auto/Manual)	IP 170, EN ISO 13736
	Knock characteristics of motor fuels (MON)	ASTM D2700-86 ASTM D2700-01 ASTM D2700 EN ISO 5163 (SOP 255)
Knock characteristics of motor fuels (RON)	ASTM D2699-86 ASTM D2699-01 ASTM D2699 EN ISO 5164 (SOP 254)	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
PETROLEUM and PETROLEUM PRODUCTS (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	
	Determination of sulphur content of automotive fuels - ultraviolet fluorescence method	IP 490, EN ISO 20846
	<u>Chemical Tests</u>	Documented In-House Methods in the series CRM 000
Refinery Gas	Refinery Gas Analysis (RGA)	CRM 82
	Chemical composition (mol%): Methane 0.001 to 87 Ethane 0.01 to 19.9 Ethene 0.01 to 21 Propane 0.001 to 33 Propene 0.001 to 18 Iso-butane 0.001 to 60.8 n-butane 0.001 to 76 cis-2-butene 0.001 to 1.2 trans-2-butene 0.001 to 1.7 iso-butene 0.001 to 1.9 n-butene 0.001 to 1.3 1,3-butadiene 0.001 to 0.1 Iso-pentane 0.001 to 2.5 n-pentane 0.001 to 0.7 Pentenenes/C <sub>6+</sub> 0.002 to 3.1 Hydrogen 0.01 to 100 Carbon monoxide 0.01 to 1.2 Carbon dioxide 0.01 to 1.8 Hydrogen sulphide 0.02 to 1.7 Nitrogen 0.01 to 90 Oxygen 0.01 to 21	
	END	