


<b>SEYCHELLES PETROLEUM COMPANY LIMITED</b>		<b>FORM</b>	
ISSUE: 4	DATE: 28/09/2013	REVISION No.: 3	Doc.No: F 740 001 Q
TITLE: Refined petroleum product quality specifications	DEPT./SECTION: Technical	PREPARED BY: TM	APPROVED BY: CEO 

**UNLEADED GASOLINE**

Test Description	Units	Limit	Specifications	Test Method	Standard Ref.
Appearance (see note 1)			Clear + bright		
Benzene	% V	Max	1	ASTM D 4815	EN 228 (E)
Colour			colorless		
Copper Corrosion		Max	No.1	ASTM D 130	
<b>Distillation</b>			65		
10 % evaporated @	Deg.C	Max		ASTM D 86	
50 % evaporated @	Deg.C	Min Max	77 115	ASTM D 86	
90 % evaporated	Deg.C	Max	185	ASTM D 86	
<b>FBP</b>	Deg.C	Max	210	ASTM D 86	
Residue	% V	Max	2.0	ASTM D 86	
Doctor Test	% (m/m)	Max	Negative	ASTM D 4952 OR IP 30	
Existent Gum	mg/100ml	Max	4	ASTM D 381	
Induction Period	Min	Min	360	ASTM D 525	
Lead Content	gpb/l	Max	0.011	ASTM D 3237 OR D 3348	
Octane number Research		Min	95	ASTM D 2699	
Density @ 15 °C	Kg/m <sup>3</sup>	Min Max	0.710 0.780	ASTM D 1298	
Sulphur	% by mass	Max	0.011	ASTM D 4294-03	
Vapour Pressure, Reid @ 37,8 Deg.C	KPa (Psi)	Min Max	40 75	ASTM D 323	
Mercaptan Sulphur	% m/m	Max	0.0015	ASTM D 3227	
POTENTIAL Gum (2.5 HRS @ 100°C)	mg/100ml	Max	4	ASTM D873	
Manganese Content	Mg/L		NIL	ASTM 3831	
Methanol Content	% vol	Max	Nil	ASTM 4815	
Ethanol Content	% vol	Max	Nil	ASTM 4815	
Ferrocene			NIL		
Iso Propyl Alcohol	% vol		NIL	ASTM 4815	
Iso Butyl Alcohol	% vol		NIL	ASTM 4815	
Tetr Butyl Alcohol Content	% vol		NIL	ASTM 4815	
Ether Content(MTBE etc)	% vol		NIL	ASTM 4815	
Other Oxygenates	% vol		NIL	ASTM 4815	

**Notes:**

1. Clear and free from visible water, sediments and suspended matter.