

# 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>Eastern Company</h3>	
	<p><b>Issue No:</b>006    <b>Issue date:</b> 28 January 2011</p>	
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<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
CIGARETTES	<u>Chemical Tests</u>	National and International Standard Methods
Cigarette smoke	Measurement of:	
	Total Particulate Matter	ISO 4387:2000 (E)
	Carbon Monoxide	ISO 8454:2007 (E)
	Nicotine	ISO 10315:2000 (E)
	Water	ISO 10362-1:1999 (E)
	Calculated value	
	Nicotine free dry particulate matter (NFDPM)	Determined from Total Particulate Matter, Nicotine and Water values
Cigarettes and Cigarette Filters	<u>Physical Tests</u>	
	Pressure drop/Draw resistance	] ISO 6565:2002, (E) ISO 9512:2002 (E) and ISO 2971:1998 (E)
	Percentage ventilation	
	Circumference/Diameter	
TOBACCO	<u>Chemical Tests (Analytical method)</u>	
	Nicotine Alkaloids	ISO 2881:1992 (E)
	Sand	Egyptian Standard 655:2007
	Sugar	Egyptian Standard 656:2007



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TOBACCO Continued	<u>Chemical Tests Continued</u> <u>(Continuous flow analysis)</u>	
	Nicotine Alkaloids	Based on ISO 15152: 2003 using continuous flow analysis
	Sugar	Based on ISO 15154: 2003 using continuous flow analysis
	Chloride	In-house method using continuous flow analysis based on ISO 15682:1999
WRAPPING AND PACKAGING MATERIALS	Total Nitrogen	In-house method using continuous flow analysis based on AOAC 959.04
	<u>Chemical/Physical Tests</u>	
	Ash	ISO 2144:1997 (E)
	Brightness	ISO 2470:1999 (E)
	Moisture	ISO 287:2009 (E)
	Opacity	ISO 2471:1998 (E)
	Elongation Tensile Strength ]	ISO 1924-2:2008 (E)
	Thickness	ISO 534:2005 (E)
	Water content	ISO 535:1991 (E) by Cobb method
	Weight per Unit Area	ISO 536:1995 (E)
PACKAGING BOARD	Bursting strength between 350 and 4600 kPa (3.57 to 46.9 kgf/cm <sup>2</sup> )	ISO 2759: 2003
END		