

**Sample I.D. No.445/2008**

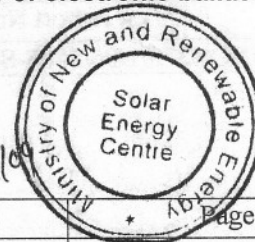
S.N.	Test Description	Requirements as per MNRE Specs. 2006-2007	Observations	Remarks
5.	PCB installation	Solder free	Solder free	
6.	<b>Protections</b>			
	(a) No load protection	Required	Provided	
	(b) Battery protection			
	i Low voltage cut-off	Required	11.4V	
	ii Load reconnect	Required	12.52V	
	iii Over charge cut off	Required	14.65V	
	iv Module reconnect	Required	Provided	
	c) Short Circuit	Required	Provided	
	d) Battery reverse polarity	Required	Provided	
	e) Reverse flow protection	Required	Provided	
	f) Temp. Compensation.	Required	<b>Provided</b>	
7.	<b>Other features</b>			
	a) Duty cycle	Required to qualify	<b>Qualify</b>	
	b) Indicators	Required (2 LED)	Provided	
	c) Cable	Required	Provided	
	d) Marking on Module	Required	Provided	
	e) Undertaking of the Manufacturer in respect of product	Required	Provided	
	f) Photographs of Manufacturing Unit.	Required	Provided	

**Note: Manufacturer has Submitted an Undertaking claiming that he is original manufacturer of the electronics for the Street lighting Systems. Based on the undertaking SEC qualify M/s Kalisons Televent Pvt.Ltd. New Delhi as a manufacturer of the Solar street lighting systems with specification of M/s Andromeda modules (12V: 39.04 W& 12V;38.62W ), M/s Okaya Battery (12V: 79.7 Ah) & 82% efficiency of electronic ballast.**

Prepared by: *C. Ram*

Approved by: *[Signature]*

Issued by: *[Signature]*  
18/04/08



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