

CPRI

## TEST REPORT



**Central Power Research Institute**

(A Govt. of India Society)

P.B.No. 8066, Sadashivanagar Post Office,  
Sir C.V. Raman Road,  
Bangalore - 560 080 (INDIA)



CPRI

**SHORT CIRCUIT LABORATORY  
CENTRAL POWER RESEARCH INSTITUTE**

(Member of STL)

P.B.NO.8066, SADASHIVANAGAR POST OFFICE  
SIR C.V.RAMAN ROAD, BANGALORE - 560 080 (INDIA)  
Phone : +91 (0) 80 - 23602662 Fax : +91 (0) 80 - 23601213

Sheet 1 of 1

**Provisional Report**

**Test Report Number** SC10263D **dated:** 17<sup>th</sup> June, 2010

**Name & address of the Customer** M/s. Krishnaa Energy Private Limited,  
DP: 69, SIDCO Industrial Estate, Thirumudivakkam,  
Chennai - 44, Tamil Nadu.

**Name & address of the Manufacturer** M/s. Krishnaa Energy Private Limited,  
DP: 69, SIDCO Industrial Estate, Thirumudivakkam,  
Chennai - 44, Tamil Nadu.

**Test sample** Air-break Isolator  
**Type** Outdoor, centre post rotating  
**Designation** ---  
**Serial number** ---  
**Sample number** SC10S0791  
**Rated voltage** 11 kV  
**Rated current** 1250 A  
**Rated frequency** 50 Hz  
**Number of phases** Three  
**Number of breaks/pole** Double  
**Inter-phase distance** 915 mm

**Test(s) conducted** Measurement of contact resistance &  
Mechanical endurance  
**Tested as per** Customer's instruction  
**Customer's requirement** 1) Measurement of contact resistance before &  
after mechanical endurance test  
2) 1000 close-open operations at a frequency of  
500 operations/hour

**Test date** 14<sup>th</sup> May, 2010  
**Drawing numbers** KEISO-11-001 REV. 0, KEISO-11-015 REV. 0,  
KEISO-11-016 REV. 0 & KEISO-11-026 REV. 0

**Test Results**

Sl. No.	Test details	Observation
1	Measurement of contact resistance before & after mechanical endurance test	Measured
2	Mechanical endurance test (1000 close-open operations at a frequency of 500 operations/hour)	Withstood

**Witnesses**

Customer's representative Mr. P. Ramachandran, R & D Manager  
Other than customer's representatives None

**NOTE: THIS IS ONLY A PROVISIONAL REPORT; detailed report will be issued subject to verification of the final drawings.**

  
Test Engineer



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Sheet 1 of 1

**Provisional Report**

**Test Report Number** SC10263B **dated:** 17<sup>th</sup> June, 2010

**Name & address of the Customer** M/s. Krishnaa Energy Private Limited,  
DP: 69, SIDCO Industrial Estate, Thirumudivakkam,  
Chennai - 44, Tamil Nadu.

**Name & address of the Manufacturer** M/s. Krishnaa Energy Private Limited,  
DP: 69, SIDCO Industrial Estate, Thirumudivakkam,  
Chennai - 44, Tamil Nadu.

**Test sample** Air-break Isolator  
**Type** Outdoor, centre post rotating  
**Designation** ---  
**Serial number** ---  
**Sample number** SC10S0792  
**Rated voltage** 33 kV  
**Rated current** 800 A  
**Rated frequency** 50 Hz  
**Number of phases** Three  
**Number of breaks/pole** Double  
**Inter-phase distance** 1500 mm

**Test(s) conducted** Measurement of contact resistance &  
Mechanical endurance

**Tested as per** Customer's instruction  
**Customer's requirement** 1) Measurement of contact resistance before &  
after mechanical endurance test  
2) 1000 close-open operations at a frequency of  
500 operations/hour

**Test date** 14<sup>th</sup> May, 2010  
**Drawing numbers** KEISO-33-001 REV. 0, KEISO-33-015 REV. 0,  
KEISO-33-016 REV. 0 & KEISO-33-026 REV. 0

**Test Results**

Sl. No.	Test details	Observation
1	Measurement of contact resistance before & after mechanical endurance test	Measured
2	Mechanical endurance test (1000 close-open operations at a frequency of 500 operations/hour)	Withstood

**Witnesses**

**Customer's representative** Mr. P. Ramachandran, R & D Manager  
**Other than customer's representatives** None

**NOTE: THIS IS ONLY A PROVISIONAL REPORT; detailed report will be Issued subject to verification of the final drawings.**

*Ragunanda*  
Test Engineer