



PROVINCIAL ELECTRICITY AUTHORITY

ELECTRICAL ENGINEERING AND TESTING DIVISION, TESTING SECTION

200 NGAM WONG WAN RD. CHATUCHAK BANGKOK 10900

Tel. 0-25909075-6 Fax.0-25909078

Test report No. ED-0179

Date of Issue : -

Test specimen : INSULATOR LINE POST TYPE CLASS 57-2L

Manufacturer : FINE ART CERAMIC CO.,LTD.

Sample quantities : 5 samples

Date of receipt

Note / Letter : 23 Jun. 2008

Samples : 23 Jun. 2008

Specimen condition : Good

Client / Customer : FINE ART CERAMIC CO.,LTD.

Refer to customer note. : FINE ART CERAMIC CO.,LTD. Date 23 Jun. 2008

Test according to Standard : TIS.1077-2535

Place of tested : PEA, Testing section Laboratory

Date of tested : 27 Jun. - 7 Jul. 2008

Environment conditions

Temperature : ~30 °C

Relative Humidity : ~60 %

Barometric pressure 760 mmHg

This test report certified only the specimen under tested and not be reproduced except in full, without written approval of testing laboratory



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TEST REPORT OF INSULATOR LINE POST TYPE CLASS 57-2L

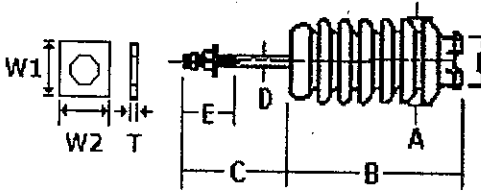

Test report No. ED-0179

Mat. No. 1-03-001-0002

Reference note FINE ART CERAMIC CO.,LTD. Date 23 Jun. 2008

Supplier FINE ART CERAMIC CO.,LTD.


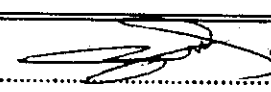
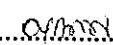
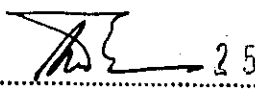
Testing date 27 Jun. - 7 Jul. 2008

Test description		Req't TIS. 1077-2535	Test result of Sample No.					
			1	2	3	4	5	
Dimension, mm 	A	152	148	148	148			
	B	305	320	320	320			
	C	178	180	179	179			
	D	19	18.9	19.0	18.9			
	E	89	90	90	90			
	F	73 ± 3	74	74	74			
	W1xW2	Not specify	61x61	61x61	61x61			
	T	Not specify	4.7	4.6	4.7			
Dimension without tolerance limits are provided as a guidance only								
Leakage distance, mm		min 559	608	609	607			
Dry-arcing distance, mm		min 241	255	254	255			
Average of Zinc coating, microns	Cap	Individual	min 78	135	142	154	109	161
		Average	min 86	140.2				
	Bolt & Nut	Individual	min 43	160	147	118	132	120
		Average	min 53	135.4				
	Washer	Individual	min 43	142	112	125	142	130
		Average	min 53	130.2				
Low frequency dry flashover voltage, kV	Individual	-	115.4	112.4	117.3			
	Average	min 104.5	115.0					
Cantilever strength, kN	Individual	min 10.6	13.0	> 14.7	> 14.7	> 14.7	> 14.7	
	Average	min 12.5	> 14.4					
Porosity		No dye penetration	Passed					
Mark on sample :-		FAC	THAILAND 2008		POWARC 10 KA , 0.4 SEC 3 KA , 0.65 SEC			

Remark

According to TIS.1077-2535 Insulator, line post type class 57-2L require 11 test items.
PEA's Testing Section Lab. can test only 4 items as shown above.

The above results are valid exclusively for the tested sample (s) as mention in this report.

Tested by  Asst. Manager  25 ก.ค. 2551
Chief of section  11-0 ก.ค. 2551 Manager  25 ก.ค. 2551