

LIGHTNING ARRESTER INSPECTION AND TEST REPORT

Customer: **S.C. Johnson Wax – Waxdale Facilities**

Address: **8311 16th Street – Sturtevant, WI 53177**

Owner: **Same as above**

Address:

Location: Substation #59A

Identification: Substation #59A Primary Lightning Arrester

Date: 5/28/16

Work Order: 12822

Temperature: 25 °C

Humidity: 67 %

Nameplate Information

Manufacturer:	Cooper	MCOV (kV):	2.55
Protection Class:	N/A	Duty Cycle (kV):	3
Model:	AZL-L	A Phase Serial Number:	N/A
Catalog Number:	N/A	B Phase Serial Number:	N/A
Style:	N/A	C Phase Serial Number:	N/A

Visual Inspection

Electrical and Ground Connections:	OK
Properly Bonded to the Grounding Electrode:	Yes
Dirt or Salt Deposits:	Cleaned
Seals, Gaskets, Blowout Ports:	OK
Flashed or Chipped Porcelain or Insulation:	No
System Voltage:	4160 / 2400

Doble Power Factor

Phase	Test Voltage (kV)	mA	Watts
A	2.5	1.21	1.06
B	2.5	1.11	1.27
C	2.5	1.07	0.93

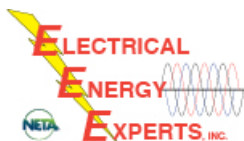
DC Insulation Tests

Phase	Test kV	Resistance in Ohms
A	5	6.7 M
B	5	6.1 M
C	5	9.7 M

Tested By: Bill Schanen & Chuck Knudson

Test Equipment #: 106, M4000

Comments: The lightning arresters are acceptable for operation.



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