

PROB. 6563-408
ELECTRIC STRENGTH

540150 001 11:59 PM 5/31/70
C 9663/50 IN 11:59 PM 5/31/70
READY TO TEST 11:59 PM 6/14/70

MIL-17-141
4.5.2.1.3

Method
Data Sheet

Tested By William L. Pinal Date 6/5/70 Temp. 25°C Tested in OIL

Conditioning E 48/50 + C 96/23/50

Sample Identification	Type of Test	Diameter of Electrodes, inches	Breakdown Voltage, kV/0 Volts	Corrected Breakdown Voltage, kV/0 Volts	Thickness, mils T	Volts/mil V_0	Thickness Correction Factor F	Volts/mil Corrected for In. V_1	Remarks
MS-7026	S/S	Pins #2-1	43	44	505				STARTED AT
IK 25		2	53	54	501				28000 Volts
BATCH #1		3	53	54	503				INCREASED IN
			AVG	51					5000 Volt
									Steps EACH
									MINUTE
MS-7026	S/S	Pins #3-1	48	49	505				
IK 25		2	58	59	501				
BATCH #1		3	48	49	503				
			AVG	52					
MS-7026	S/S	Pins #4-1	48	49	499				
IK 25		2	53	54	495				
BATCH #1		3	58	59	496				
			AVG	54					

$$V_0 = \frac{V}{T}$$

$$V_1 = V_0 \times F$$

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