

SAN DIEGO TESTING LABORATORIES, INC.  
MATERIALS ENGINEERING

FORM 17 2M 7-57 JP

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LABORATORY NUMBER SD13-2084M

DATE June 18, 1958

Allied Industries  
4246 Pepper Drive  
San Diego 5, California

P.O: Verbal:John Crane 6-9-58  
1-Sample Rec'd: 6-9-58  
1-Sample Rec'd: 6-13-58

REPORT OF PERFORMANCE TESTS ON  
AZ-58 FREQUENCY INSTRUMENT

SAMPLE 516M1: Serial No.1, AZ-58 "Allied Frequency Instrument" with High Voltage Leads:

DETERMINATIONS:

SAMPLE 516M1:

Frequency:

Using Hewlett-Packard Counter Model 521A:

Band Setting #1: 66 to 237 Cycles Per Second  
Band Setting #2: to 1176 " " "  
Band Setting #3: to 5664 " " "

D WIRE ARC RESISTANCE TESTS:

Black, Elastomer Covered Lead: 15,000 Volts(rms) Breakdown Limit @ 60cps.  
Red, Elastomer Covered Lead: 15,000 " " " " @ 60cps.

SAMPLE 516M2: Serial No.2, AZ-58 "Allied Frequency Instrument" with same High Voltage Leads as Serial No.1 above:

Output Power Tests:

VOLTS AT TERMINALS: INST.CURRENT: WATTS:

Test 1: 8250 V(rms) 56 MA 463  
Test 2: 8050 V " 58 MA 467  
Test 3: 8175 V " 57 MA 465

The undersigned TESTING LABORATORY certifies that the above determinations were made on the samples submitted in accordance with instructions of John Crane.

Respectfully submitted,

SAN DIEGO TESTING LABORATORIES, INC.,

By M.P. Christensen  
M.P. Christensen-R.E. #2452

- (3) Allied Industries
- (1) Transparency

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