



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

June 12, 2024

Mr. Ken Hall
VP Quality
Micropac Industries Inc.
1655 Highway 66
Garland, TX 75046

Dear Mr. Hall:

Re: Laboratory Suitability Status, MIL-PRF-19500R, FSC 5961, VQE-24-038804, CAGE Code: 31757,
Control Number: 088348

This office has received your supporting documentation showing qualification of your RPS Pulsar
Solderability Test System (Serial no. R986.D67000).

Based on this information and the 2023 audit performed by Messrs. Brad Deslich and Lorenzo Best of this
Center, Mr. Benny Damron of NASA/Jacobs Engineering, and Mr. Russ Quakenbush of NAVY Crane, your facility is
considered suitably equipped to perform qualification inspection, conformance inspection, and screening tests to
Performance Specification MIL-PRF-19500R, Semiconductor Devices, for the following MIL-STD-750 Test Methods
and conditions:

1016	1038	A,B	2036	A,D1,E	2075	3076
1022	1039	A,B	2037	A,D	2076	4001
1026	1051		2052		3001	4011
1027	1056	A,B,C,D	2066		3005	4016
1031	1071	B, G1	2071		3011	4021
1032	2006		2072		3026	4026
1036	2017		2073		3041	
1037	A,B	2026	2074		3071	

The following MIL-PRF-19500 slash sheet specific tests are also approved:

Peak forward pulse current /467
Axial luminous intensity /476, /519, /520, /521, /572, /574
Input to output capacitance /486, /548
Input to output internal resistance /486, /548
Rise time phototransistor mode /486, /548
Fall time phototransistor mode /486, /548
Rise time photodiode mode /548
Fall time photodiode mode /548
Monitored thermal shock /486, /548
High temp isolation voltage /486, /548

This suitability is valid until terminated by written notification from this Center. If warranted, laboratory
suitability status may be withdrawn by this Center at any time. If you have any questions, please contact Ms. Amelia
Murphy at 614-692-2087.

Sincerely,

RAYMOND L. KOLONCHUK
Chief
Electronic Devices Branch

