



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

October 11, 2019

Mr. Steven St. Pierre
 Mass Design, Inc.
 41 Simon St.
 Nashua, NH 03060

Dear Mr. St. Pierre:

RE: Notification of Qualification, MIL-PRF-31032, FSC: 5998; Test Report Number 31032-5536-19; CN068955, VQ(VQE-20-034397)

Qualification of your products is granted under the current issue of the specification as a result of successful qualification testing to Department of Defense Performance Specification MIL-PRF-31032, Printed Circuit Board/Printed Wiring Board, and associated specifications MIL-PRF-31032/1 and MIL-PRF-31032/2. The capabilities indicated below shall be listed on Qualified Manufacturers List QML-31032. The effective date of this qualification is October 11, 2019.

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| MANUFACTURER NAME & ADDRESS Mass Design, Inc. 41 Simon St. Nashua, NH 03060 | PLANT LOCATION Same | CAGE Code: 35ZD0 Phone: (603) 886-6460 Fax: (603) 886-1208 Email: info@massdesign.com |
| CAPABILITIES BY TECHNOLOGY / ASSOCIATED SPECIFICATION: | | |
| Specification: MIL-PRF-31032/1, MIL-PRF-31032/2 Qualification Letters: VQ(VQE-20-034397) Rigid Base Material: GF (Woven E-Glass, Epoxy Resin) Max. Panel Size: 18" x 24" Max. Number of Layers: 6 Max. Board Thickness: 0.062" Min. Hole Size: 0.015" Drilled Plated-Through Hole Before Plating Aspect Ratio: 10:1 Through-Hole Min. Conductor Width/Space: .008"/.007" Hole Preparation: Permanganate Desmear Hole Wall Conductive Coating: Palladium-based Copper Plating: Direct Current Plate Solder Resist: Liquid Photoimageable Finish System: ENIG, HASL Additional Fab Capabilities: Foil Lamination | | |

Your first biennial CVI report for this initial qualification shall cover the period from **October 1, 2019 through September 30, 2021**, and is due to this office by **November 30, 2021**. This qualification is based on your MIL-PRF-31032 certification and are subject to the conditions stated below:

1. A listing on the Qualified Manufacturers List (QML) does not guarantee acceptance of the product(s) in any future purchase.
2. QML listing does not constitute a waiver of any requirements of the specification or of the provisions of any contract.
3. Advertising of qualification information is permitted. Permission to use such information for advertising or publicity purposes is granted provided that such publicity or advertising does not state or imply that the product(s) is the only product of that type qualified or that the Department of Defense in any way recommends or endorses the manufacturer's product.
4. The listing applies only to products produced in the plant(s) specified in this letter of notification of qualification and applies to future amendments or revisions of the specification, unless otherwise notified.
5. The listing applies only to materials and manufacturing construction techniques identical to or covered by that (those) qualified. The qualifying activity must be advised in advance of any change to the materials and manufacturing construction techniques. Failure to notify the qualifying activity of any change to the materials and manufacturing construction techniques is cause for removal from the QML.

Because we are held responsible for the accuracy and currency of this QML, please let us know if your company discontinues production utilizing these materials or processes. Should you have questions, please contact Mr. Zachary Chen, (614) 692-9554 or vqe.zc@dla.mil.

Sincerely,

RAYMOND L KOLONCHUK
Chief
Electronic Devices Branch