



## Quartzdyne, Inc.

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### BLANKET CERTIFICATION OF RoHS COMPLIANCE by EXEMPTION

This certificate is provided for end users that manufacture products indicated below, and who plan to take the exemption provided in Section 1 of Article 2 ("Scope") or in Section 7 of the Annex ("Exemptions") of the European Union's Restriction on the Use of Hazardous Substances in Electrical and Electronic Equipment ("RoHS") Directive, 2002/95/EC.

#### INDICATED PRODUCTS COVERED UNDER THIS EXEMPTION:

- Monitoring and control instruments used in laboratory or industrial installations
- Products containing lead in high melting temperature type solders (i.e., tin-lead solder alloys containing more than 85% lead)

Since Quartzdyne's products are used exclusively to monitor pressure and temperature in oil and gas exploration and production, our transducers clearly fall outside the scope of RoHS.

We use HMP solder (Sn5/Pb93.5/Ag1.5) for its high-temperature properties in all Quartzdyne transducers. Transducers supplied with surface-mount circuits use Sn63 (Sn63/Pb37) solder for optimum reliability. Life-Cycle tests conducted at 150°C on surface-mount assemblies manufactured with RoHS-compliant SAC solder survive less than half that of a Sn63 assembly. We will continue to search for a RoHS-compliant soldering process that does not compromise circuit life.

Although our products are currently exempt from RoHS, we support efforts to reduce environmental pollution, and, therefore, intend to comply with the spirit of the RoHS initiative. We will adhere to the RoHS restrictions whenever it is possible to do so, while maintaining the high temperature capability and reliability of our products.

Disclaimer: This environmental compliance statement is, to the best of Quartzdyne's knowledge, accurate as of the date indicated on this page. Quartzdyne makes no representation or warranty as to the accuracy of such information. Quartzdyne has not conducted analytical or chemical analyses on all materials or purchased components. In no event shall Quartzdyne's liability arising out of such information exceed the purchase price of the Quartzdyne item(s) sold to Customer.

Name:

Name/Title: Milton Watts, Vice President of Engineering

Date: 5. July 2006