TEST REPORT
INTERTEK TESTING SERVICES NA, INC.

1717 Arlingate Lane Columbus, Ohio, 43228

Project No.: G102037452 Issued: 3/31/15

REPORT NO. 102037452COL-002

RENDERED TO:
ITT Corp-Goulds Pumps
240 Fall Street
Seneca Falls, NY 13148

STANDARDS REFERENCED:

This report represents the results of a Preliminary Bill of Materials (BOM) review of the below referenced specimen(s) to the requirements contained in the following standard(s):

- Restriction of Hazardous Substances (RoHS) Directive – 2011/65/EU
- Technical Documentation for the Assessment of Electrical and Electronic Products with Respect to the Restriction of Hazardous Substances - CENELEC EN 50581:2012.

AUTHORIZATION:

The analysis was authorized by Brad DeCook, a representative of Goulds Pumps under Quote Number Q500537958.

GENERAL DESCRIPTION:

The review was conducted at the Intertek facility, located at 1717 Arlingate Lane, Columbus, Ohio, 43228, USA. The evaluation began on 03/16/15 and concluded on 03/31/15.

MODEL(s) UNDER REVIEW:

I-Alert

PRODUCT DESCRIPTION:

This product family requires electrical currents and/or electromagnetic fields to work, uses less than 1,000v AC or 1,500v DC, fits one of the eight specified product categories and is not covered by any exemption to the scope of the specified regulation. This product family is not intended for a specific national security organization and/or military. This product is deemed to be covered by the scope of the RoHS directive.

ASSESSMENT RESULTS:

BOM Review:

The provided BOM(s) are analyzed and risk levels are assigned to each component. Risk levels associated with material descriptions have been extracted from the table published in the following standard:

> Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers) IEC 62321, ed. 1.0, dated 2008-12-11.

Any available documentation corresponding to the component(s) in question was reviewed. Specific documentation looked for included:

- Proof of client CAS/RSC program
- Proof of a technical file
- Bill of Materials (BOM)
- Supplied Component Documents
    - CAD drawings for any components made by client
    - Declarations of Conformity
    - Past test data
    - IPC forms
    - CAS/RSC Documentation

As per the requirements referenced in the Technical Documentation for the Assessment of Electrical and Electronic Products with Respect to the Restriction of Hazardous Substances - CENELEC EN 50581:2012, Intertek recommends the following set of requirements for Declarations of Conformity (DoC):

- Supplier Name
- Letter Head
- Name, title and signature of the DoC approver
- Manufacturer's part number
- RoHS compliant statement
- Reference to EU Directive 2011/65/EU
- Limitations (if any)
- Exemptions (If any)

CONCLUSION:

At its most basic level, the RoHS Directive requires that products be designed and manufactured with attention to the requirement that the following substances do not appear in the product above the given thresholds:

Substance	Threshold
Lead (Pb)	1000 ppm (0.1%)
Cadmium (Cd)	100 ppm (0.01%)
Mercury (Hg)	1000 ppm (0.1%)
Hexavalent Chromium (Cr6+)	1000 ppm (0.1%)
Polybrominated Biphenyl (PBB)	1000 ppm (0.1%)
Polybrominated Diphenyl Ether (PBDE)	1000 ppm (0.1%)

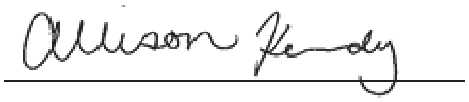
All provided documents were analyzed in order to capture all general material types. Test reports, Declarations of Conformity, and manufacturer/supplier Quality Management Systems that were collected were used to mitigate risks of referenced components. Graded metal components were researched for RoHS compliance. **Final risk levels** assigned can be seen in the column entitled “Risk Level” in the Excel spreadsheet “Goulds Pumps Deliverable 102037452COL-001.”

All components for the I-Alert are shown to be an acceptable risk to state RoHS compliance.

Issuance of this report completes the Preliminary BOM Review, covered by Intertek Project No. G102037452.

If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact your dedicated Intertek Project Manager.

Please note: this report does not represent authorization for the applicant or manufacturer to apply Intertek Certification Marks.

Completed by:	Allison Kennedy	**Reviewed by:**	Marissa Evans
Title:	Regulatory Compliance Analyst	**Title:**	Chemical Laboratory Supervisor
Signature:		**Signature:**