

QA NUMBER: 2006-001

APPLICABILITY: Bowling Green Cambridge Springs Dayton Elverson Erie
 Huntington Indianapolis Pompano Saegertown GrandviewEXPIRATION DATE: 8/23/06
(maximum 6 months)PURPOSE: (check one) Clarify/
Reinforce New
Requirement
 Customer
Notification

SUBJECT: 460 Clauses – Managing Change & Lord Approved Coolants

PROBLEM: Due to recent issues and an attempt to prevent recurring quality problems, I am sending this issue to the entire supply base. In accordance with ISO9001-2000, TS16949, and AS9100 certified systems, Lord flows down quality requirements to our suppliers in our Purchase Order Supplement, Form 460, which includes Standard Terms and Conditions, Standard Quality Requirements, and Special Quality Clauses. There are two standard quality requirements that we want to reinforce:

I. Managing Change: You must notify the Lord buyer of any intended significant changes to your process, methods, material, or product and obtain our approval prior to implementation. You must also make this a condition to your entire supply chain. Samples and documentation may be required as part of the approval process."

Examples of significant and non-significant changes are as follows:

Significant changes:

- The product drawing has a revision change
- The product is manufactured in a different plant
- The part or an operation is outsourced
- Form, fit, or function could be impacted

Non-significant changes:

- The part is produced on a different machine of the same make and model
- Lubricant or release is added or deleted (must be a Lord approved lubricant, per MTL-S-0136 and Lord 460 requirement "clause K")
- Fixtures or masks are added or deleted
- Packaging materials or methods change

K. Lord Approved Coolants: If you use coolants, protectants, or mold release agents in the fabrication or surface protection of products supplied to Lord, you must use materials that have been qualified and approved by Lord. For a listing of approved materials, refer to Lord specification MTL-S-0136. Lord recently experienced significant quality problems within our bonding process due to a supplier's use of unapproved coolants in their manufacturing process. Corrective actions for this type of quality problem can be very time consuming and costly.

Please make sure you understand all the 460 clause requirements for the parts you are producing. If you have any questions on this please visit our supplier web site at <http://www.lord.com/suppliers> or contact the Lord buyer.

ACTION PLAN: Suppliers are required to verify that material being supplied is in compliance with Purchase Order Supplement Form 460 Lord's Standard Quality Requirements and Special Quality Clauses).

Direct questions regarding this alert to Gina Shiolen, extension 6576 (Grandview).

ISSUED BY:


Gina Shiolen
SQE, Global Quality

APPROVED BY:


C.R. Fowle
Manager, Global Quality

QUALITY ALERT