Technical Bulletin

Place a copy of this bulletin in the front of each Blueprints Manual. Redline drawings as needed and include a TB reference note. Reference TB implementation on site Action Item Box-chart and/or site tool history management log.

Number:	036
Date Issued:	01/30/04
Expiration Date:	01/30/05

Subject/Key Words:	Over Processing Product, Potential Product Loss, Critical Tanks			
Classification:	❑ Informational	■ Mandatory	❑ Safety Alert	❑ PM Impact
	❑ Warranty Impact	❑ Purchase Parts	❑ No Charge For Parts expires ___ / ___/___. Reference this TB# when ordering NC parts.	
Applicable Akrion Procedures:	N/A			
Parts/Reference Documents:	N/A			
Attachments:	N/A			

Issue: If the "overprocess time" parameter of any critical tank in a recipe is set to a value above zero, and multiple lots are running, the potential exists for processing beyond this set "overprocess time". Product loss is possible if this occurs.

This is a very intermittent problem and not all customers that utilize the "overprocess time" recipe parameter will experience this problem.

Symptoms: The datalog will record as an "alert" or "process" that "critically overprocess" has occurred.

Test/Validate: To determine if "critically overprocessing" has occurred, review the datalog "alerts" and "process" for "critically overprocess" times.

Verify the "overprocess time" setting and "tank" setting (Critical or Safe) for all tanks within the recipes being utilized.

Solution: A permanent fix for this problem is scheduled to be in place by 6-01-04. Until the fix has been completed, Akrion recommends the following steps be taken to prevent product loss.

- Set the "overprocess time" for **all** "critical" tanks within **all** recipes to zero.
- Regardless of failure occurrence, if using "overprocess time" in any recipe, contact Akrion's software department at software@akrion.com with all applicable details of the issue to request a new code revision. Ensure this Technical Bulletin number is referenced within the email.

It should be noted that this might have an effect on overall throughput.

If you have technical questions or require more information, please contact Akrion Technical Support Department via e-mail at techsupport@akrion.com. Authorized service personnel can obtain copies of the latest Akrion procedures and controlled documents from the Akrion Document Control department at doccontrol@akrion.com. Customers must direct all inquires to their local Akrion field service representative.   (Form QA1656F1AC)