



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.
- Document TB implementation schedule request and completion:

TB Number: 095
Date Issued: Jan. 15, 2014
Expiration Date: None

Date Scheduled _____ Date Completed _____
 Completed by (name) _____

Subject/Key Words:	Quartz Inline Heater Bulb Array Replacement and Component PM			
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert	<input checked="" type="checkbox"/> Preventive Maintenance Impact
	<input type="checkbox"/> Warranty Impact	<input checked="" type="checkbox"/> Purchase Parts	<input type="checkbox"/> No Charge For Parts expires ___/___/___ . Reference this TB# when ordering NC parts.	

Issue: Unscheduled down time of Process Tech Hot Shot infrared Inline chemical heaters.

Symptoms: Heating system fails to operate or reach/maintain desired chemical temperature.

Solution: Akrion Systems recommends that quartz heater bulb arrays be replaced every six months. Please follow the latest rev of Akrion Systems controlled procedure OP1713. Always review the current OEM instructions issued with the heater bulb array assembly. Perform a complete OEM six month PM as per the current heater OEM Manual including:

- o Lamp test and replacement
- o Testing the over-temperature sensor
- o Testing the pressure switch
- o Testing the bi-metal thermal switch safety circuit

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