



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: 019
Date Issued: 08/22/03
Expiration Date: 08/22/04

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|--------------------------------------|--|---|---|---|
| Subject/Key Words: | LuCID Clean Point Unit (CPU) de-ionized water (DIW) filter elements | | | |
| Classification: | <input checked="" type="checkbox"/> Informational | <input type="checkbox"/> Mandatory | <input type="checkbox"/> Safety Alert | <input checked="" type="checkbox"/> PM Impact |
| | <input type="checkbox"/> Warranty Impact | <input type="checkbox"/> Purchase Parts | <input type="checkbox"/> No Charge For Parts expires ___/___/___. Reference this TB# when ordering NC parts. | |
| Applicable Akrion Procedures: | Operations Manual Section 5: PM schedule and CPU filter replacement instructions. | | | |
| Parts/Reference Documents: | CPU <i>new</i> inlet filter element 215144-001 0.1 um “pre-filter” CPU <i>new</i> outlet filter element 215143-001 (rev B) 0.04um | | | |
| Attachments: | None | | | |

Issue: Akrion now recommends a Clean Point Unit inlet filter element pore size of 0.1um and a CPU outlet filter element pore size of 0.04um. This larger to smaller pore size in the liquid flow path will improve the filtration efficiency. The Akrion part number of the 0.04um filter is 215143-001 (rev B).

Symptoms: Follow standard PM procedures or trouble shooting methods when necessary to determine CPU filter element replacement schedule.

Test/Validate: N/A

Solution: With the next CPU filter element replacement, install the 215144-001 (0.1um) element first in the flow path or inlet side, and install the 215143-001 (0.04um) element second or on the outlet flow side housing. The elements are hydrophilic and do not require any special wetting or flushing procedures.

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)