

From: LARNDC::WAGENER "Gerald Wagener, La. AS&TL, 504-389-1848" 0-MAY-1.
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To: LACSDC::TYLER
CC: WAGENER, SCHELL, GUM
Subj: Crude PDC

COL 1

MINI REACTIVE CHEMICALS REVIEW conducted on May 7,
1996

. Project: Loading\Shipping Rail cars with Crude PDC

Tonya Tyler

Recommendations:

1. Scan the 7 rail cars (including all valves and fittings) with a portable alloy tester to insure that there is no aluminum. Make sure that all non-carbon steel materials that are found are compatible with both PDC and epichlorohydrin.
2. Review the seals and elastomers that are used in the rail car and make sure that they are compatible with both PDC and Epichlorohydrin.
3. Check the materials of construction and seal of the safety relief device and make sure they are compatible with PDC and epichlorohydrin.
4. Heels need to be analyzed before loading crude PDC.
5. A nitrogen pad should be placed on the cars to minimize flammability potential.
6. As an additional safeguard for avoiding overfilling, consider comparing the final rail car weight to a calculated 85% level weight.

Please respond in writing as to action taken or planned in regards to these recommendations.

Gerald Wagener, Chairman
Reactive Chemicals Committee