

eed

February 24, 1981

C. A. Gellner

P.P.G. Monomer Transfer Procedure

From

R. A. Bollich

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Location and mail code

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*CTC - Cor
Sue*

The following procedure is in operation at CertainTeed, Lake Charles when receiving monomer from P.P.G. Vinyl Plant, every transfer, with approximately one (1) hour wait between each storage tank transfer.

*Contract
File -
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Transfer Procedure

1. CertainTeed will notify the VCM plant control room that they desire a transfer of VCM from the P.P.G. Vinyl Plant. Transfers will normally be made on the 4 - 12 and 12 - 8 shifts, but in the event monomer is needed on 8 - 4 shift, transfers will be made.
2. The sphere that is "CertainTeed Service" at P.P.G. plant site will be circulated to obtain a uniform mixture and sampled. The analytical results will be used for all transfers made from the sphere until new material is added to the sphere. *[Contract file notified of any change no correction especially on P.P.G. transfer]*
3. The VCM Plant will make proper valve alignment to put CertainTeed sphere on line for transfer to CertainTeed. The following procedure must be done to insure proper packing of line:
 - A. CertainTeed control room will notify the VCM Plant that a transfer is desired and give transfer number.
 - B. VCM Plant transfer is then put in service with 3/4" circulating line on pump open.
 - C. With pump pressure holding between 100 to 120 PSIG, pack line keeping the CertainTeed block valve at storage tank closed.
 - D. After VCM line to storage tanks has been packed for 15 - 20 minutes, no less, and pressure charts prove that line has been packed at 96 to 108 PSIG, notify VCM plant operators to gauge, take levels, pressure and temperature readings on their tank.
 - E. After readings are taken, the VCM Plant control room will notify CertainTeed control room that readings have been taken.
 - F. The valve at CertainTeed's end of the line will be opened by the CertainTeed operator and the transfer begun.

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P.P.G. Monomer Transfer Procedure

- G. Approximate amount recieved in one storage tank (10% - 80%) is 300,000 pounds.

Note* as a secondary back-up to safety, stop transfer when digital numbered readout on VCM meter (control board) reaches 310,000 pounds.

- H. After amount is received into storage tank, CertainTeed will close the valve on our end of line. Approximately 10 minutes after valve is closed, CertainTeed will notify the VCM control room that the transfer is complete.

- I. At this time, P.P.G. Plant should take their ending gauge levels, pressures and temperature readings, notify CertainTeed control room that readings have been taken, then shut down their transfer pump.

- J. The utility operator will then return to storage tanks and check that all three automatic valves are closed, then close the manuel valve to the tank that is full (80%) and open the manuel valve to the other tank. (The Conoco and P.P.G. manuel valves should remain open).

- K. The utility operator will again check the system for leaks, check rupture disc, and call in the tank pressures to the control room.

Note* There should be at least one hour time lap before the next transfer.

- L. If transfer is going to slow, control room operator should notify P.P.G. control room. P.P.G. can then make adjustments at their plant to speed up transfer.

- M. The official time on transfer is from 0700 to 0700 hours.

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✓ Bill Schwarzauer
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