



Tenneco Chemicals, Inc.
(COMPANY)

Sandstead - 1 enclosure
INTEROFFICE COMMUNICATION

JKE-4-77

TO:
FOR: D. R. Keck
FROM: J. K. English
RE: TANDEM AND DOUBLE SEALS FOR PVC PLANT
TO MEET EPA REQUIREMENTS FOR VCM EMISSIONS

DATE: March 17, 1977

As we discussed, I have attached drawings and specifications of the tandem/double seals installed at the PVC plant. Also included is some additional information which might be helpful (JKE-3-77 and CAR 77086 - 77097 Job Instructions). No modifications were required to the pumps (stuffing boxes, etc.).

The primary reason for selecting tandem seals over double seals (except on PCl-H302 and -303 Nash vacuum compressors) was to prevent any seal buffer fluid (water) from leaking into the process.

We currently have all the seals in operation except on PCl-H302 and -303 Nash compressors and Z36-G103A & B VCM vaporizer pumps (G103A & B installation scheduled for completion prior to April 1, 1977 and H302/303 prior to June 15, 1977).

Advise me if I can be of further assistance.

J. K. English
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JKE/mm
Attachments

cc w/attachments:
C. E. Crain
~~K. E. Harmond~~
P. R. Prokish
L. Cox
T. T. Moore
E. J. Hourihan
S. E. Richter
R. D. Mullen
Engineering Equipment Files

<u>Pump</u>	<u>Service</u>	<u>Pump Model</u>	<u>Seal & Code</u>	<u>Drawing No.</u>
PC1-G385A/B	Crude VCM	Durco MK II GR II	Dura-Tandem 1-7/8 PTO - 1-1/2 RA EU/M5EFVV	2D-151788
PC1-G386A/B	VCM Reflux	Durco MK II GR II	Dura-Tandem 1-7/8 PTO - 1-1/2 RA EU/M5EFVV	2D-151788
PC1-G387A/B	Recovered VCM Delivery	Durco MK II GR II	Dura-Tandem 1-7/8 PTO - 1-1/2 RA EU/M5EFVV	2D-151788
PC1-G388A/B	VCM Charge	Union VLK Group II	Dura-Tandem 2-1/8 PTO - 1-7/8 RA EU/M5EFVV	2D-152575
Z36-G8 & G9	VCM Transfer	BJ VLT	Dura-Tandem 1-1/2 PTO - 1-1/4 RA Cartridge	2D-152622
Z36-G103A/B	VCM Vaporizer	Durco MK II GR I	Dura-Tandem 1-1/8 RO - 1-1/8 RA EU/M5EFVV	Not re
PC1-H302 & H303	VCM Recovery Compressors	Nash CL3002	John Crane Double Type 8-1 Q/XF-171	CS SP 59640