PLAINTIFF'S EXHIBIT

MON-2622

Monsanto

FROM (NAME-LOCATION-PHONE): G.T. Butler - Chocolate Bayou Plant - 4444

DATE : May 2, 1986

SUBJECT : LETHAL SERVICE GASKET APPLICATION

REFERENCE :

TO : R.L. Sharp

CC : L.D. Arnold
R.C. Fisher
M.B. Gray
R.S. Ingersoll
R.E. McGuire
D.C. Pickett

As based upon our recent discussions and upon the test results of the 5,000 PSI spiral wound gasket evaluation, I recommend that this type and style gasket be included with the existing gasket specifications for application in 150# lethal service piping systems.

A representative ordering specification for this gasket would be as follows:

150 pound flange rating, spiral wound gasket, with the following requirements:

1. Type [redacted] or 316 SS winding, wound to produce a compressive seating stress "Y" value of 5,000 psig, plus or minus 100 psig.
2. Flexible graphite tape filler for installation between adjacent winding layers.
3. Gasket to comply with API standard 601.
4. Initial winding thickness to be 0.175 inches, crushable to 0.130 inches thickness, under full compressive loading.
5. Carbon steel external centering/guaging ring thickness to be approximately 1/8 inch.
6. Gasket rim to be painted dark green color, with four equally spaced grey color paint stripes and with four equally spaced sky blue color paint stripes located adjacent to the grey color stripes.
7. Centering/guaging ring edge to be square notched (1/8" X 1/8") at four equally spaced locations.
8. The numeral, "5,000", is to be stamped into the face of one side of the centering/guaging ring.

Should there be any additional questions, please call me.

G.T. Butler

GTB/edp

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