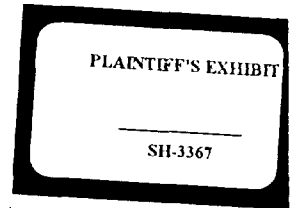
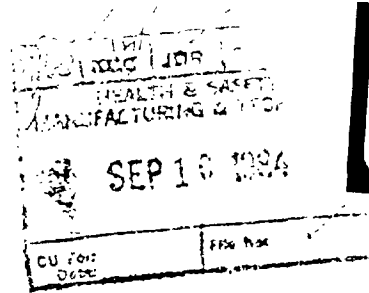




Snell Oil Company
Interoffice Memorandum



SEPTEMBER 4, 1984

PRIVATE AND CONFIDENTIAL

FROM: R. E. NORDSTROM, MANAGER, PRESSURE EQUIPMENT, ENGINEERING
CONSTRUCTION & SERVICES, ENGINEERING, HEAD OFFICE

TO: DISTRIBUTION

SUBJECT: ASBESTOS-CONTAINING VS. NON-ASBESTOS-CONTAINING VALVE STEM
PACKINGS AND FLANGE GASKETS

On several occasions over the last few years Engineering Services has been asked to review the technical and commercial aspects of changing from asbestos-containing stem packings and flange gaskets to non-asbestos-containing materials. The attached report is being sent to you for your information as we believe it will be of interest to you and to members of your staff who are involved with this issue.

R. E. Nordstrom

R. E. Nordstrom

RWR:cdr

Attachment

cc: W. L. Tanner, Manager, Engineering Construction & Services,
Engineering
R. H. Brown, Manager, Maintenance Support, Manufacturing
W. A. Gabig, Manager, Construction Relations & Engineering
Standards
J. S. Szymanowski, Manager, Health & Safety
W. C. Bluhm, Consulting Engineer, Health & Safety

LAM 023411

BQFR8423501

ABS-002482

DISSEMINATION

MANUFACTURING COMPLEXES

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C. C. GERHEIM, TECHNICAL SUPERINTENDENT, WILMINGTON
R. ST. PIERRE, FACILITIES SUPPORT SUPERINTENDENT,
WOOD RIVER

REFINERIES

B. C. EBERT, TECHNICAL SUPERINTENDENT, ANACORTES
D. R. DEISTER, OPERATIONS SUPERINTENDENT, ODESSA

CHEMICAL PLANTS

D. F. TRICHEL, TECHNICAL MANAGER, EL PASO
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G. A. PHILLIPS, TECHNICAL MANAGER-ENGINEERING, WOODBURY

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