

FILE NAME: Ameron (AME)

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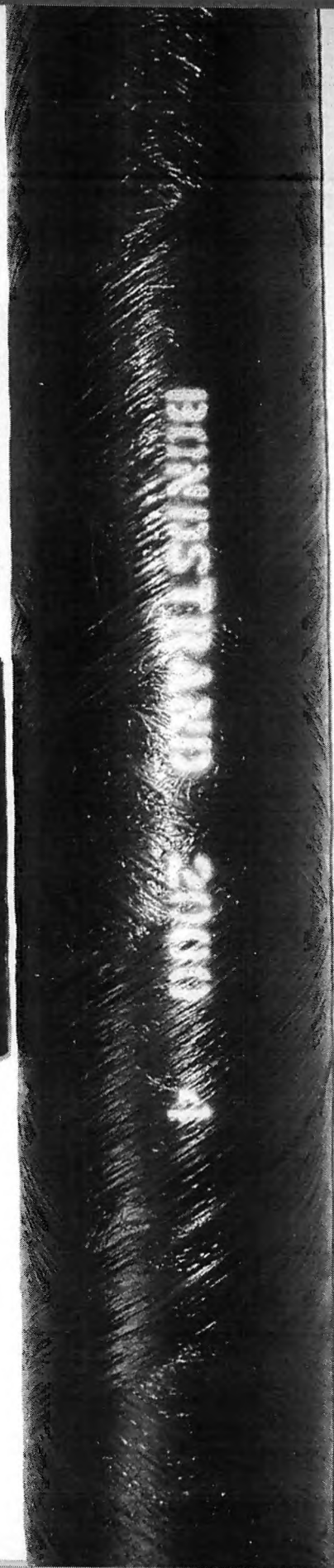
AMERON



“Stainless steel performance at
carbon steel cost.”

BONDSTRAND PIPE

- ❑ Made at the South Gate and Brea Facilities in California.
- ❑ Bondstrand 4000 and 5000 series pipe and fittings are manufactured with an asbestos-containing liner.
- ❑ Series 4000 is used to transport corrosive chemicals and series 5000 is used to transport oxidizing agents and acids.
- ❑ Asbestos-containing Bondstrand was manufactured from 1960 until 1979 and was sold into the early 1980's.



12/10/2004

BONDSTRAND LINER

- Bondstrand was manufactured with an asbestos mat or paper liner made up of 40% blue asbestos and 60% Resin.
- The manufactures of the liner include Mead, North American Asbestos, Cello, Special Electric and Union Carbide. There may have been others.

DISTRIBUTORS

- Bondstrand pipe was purchased through distributors, Ameron did not do direct sales to customers.
- Harrington Plastics was the exclusive distributor of Bondstrand in California from at least 1973 until the early 1980's when asbestos was removed.

WARNINGS

- Sometime after 1972, Ameron's MSDS for Bondstrand notes hazards of asbestos and recommends instructions be followed.
- MSDS is provided to Harrington. It is provided to customers only by request.
- May 2, 1977 Bondstrand adopts a caution label:
 - This product contains asbestos fibers impregnated with resin, the inhalation of which may cause lung or other injury. Cut or sand this product only with adequate ventilation and in strict accordance with installation instructions.

KNOWLEDGE

- ❑ From 1965-1972 Ameron did nothing to protect the safety of workers.
- ❑ 1972 Ameron becomes aware of hazards and hires Howard Spielman to conduct tests at various Ameron facilities.
- ❑ In 1973, Neal Lambly arrives at Ameron fully aware of the hazards of asbestos which he shared with Ameron.
- ❑ In 1978, Mr. Lambly shares his concerns and recommendations re: asbestos in a memo, but these are never acted on by Ameron.

TESTING AT AMERON

- In 1972 Mr. Spielman recommends ventilation of the asbestos mixing area and that respirators be used by Ameron workers in that area. Ameron does not notify customers of new safety measures.
- In 1977 Mr. Spielman does a field test of Bondstrand 4000 and 5000 products called the Kerr-McGee study.

KERR-MCGEE STUDY

- Spielman finds significant contamination in prefab building and suggests stationary saws be equipped with ventilation.
- Report also finds mechanical (flapper) sanding of the spigot end should be reduced, and minimal respiratory protection is needed during sawing and sanding.
- Further, the study found that stationary cutting should be done in areas with local exhaust ventilation and that other cutting/sanding measures should be investigated to lower exposure.
- These Recommendations are not shared with Bondstrand 4000 and 5000 customers.

HERBERT ZEISS

Contreras

for Ameron (maker of
contains crocidolite
in good health today,

ss: "It's a miracle. I
must have looked over
with that stuff and
lungs should have been
that damn Bondstrand."

DEPOSITION OF Taken in

A 94 year old spitfire

Question by counsel

Bonstrand pipe that co

asbestos): And you're
correct?

Answer by Herbie Ze

mean, the good Lord
me, because working
inhaling that crap, my
full of particles from t