Professional Service Industries, Inc.
PTL/Shilstone Engineering Testing Laboratory Division

PLAINTIFF'S EXHIBIT ARO-46

REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

TESTED FOR: John R. Herdt
GPIP
Post Office Box 96120
Houston, Texas 77213-6120

PROJECT: Asbestos Analysis
Houston, Texas

COPIES GIVEN TO PLAINTIFF'S ID. 2/23/90

DATE: February 1, 1989

OUR REPORT NO.: 204-99004-01

METHOD: ☒ PLM with Dispersion Staining

Laboratory No.	169001	169002	[redacted]
Sample ID No. and Location	Piping Insulation Under Hi-Line (Top Line-6") West End	Piping Insulation Under Hi-Line (Bottom Line)	[redacted]
Type of Material	Piping Insulation	Piping Insulation	[redacted]
Gross Appearance/Texture	Non-Friable	Non-Friable	Non-Friable
Is it homogeneous?	Yes	Yes	Yes
Are there obvious layers?	Yes	No	No
Is it fibrous?	Yes	No	Yes
What color is it?	Gray	Gray	Gray/Red Paint
IS ASBESTOS PRESENT?	Yes	None Detected	Yes
ASBESTOS (Type & Percent) 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other (specify)	85% Chrysotile	N/A	30% Chrysotile
TOTAL PERCENT ASBESTOS	85%	N/A	30%
OTHER FIBROUS MATERIALS (Type & Percent) 1. Fibrous Glass 2. Cellulose 3. Other (specify)	None	None	None
NONFIBROUS MATERIALS %	15% Binder	95%-100% Binder	60% Binder, 10% Paint

COMMENTS: Thin Asbestos Sheets

Results relate only to items tested. No part of this report may be reproduced except in full with approval of PSI. Report may not be used to claim product endorsement by NVLAP or any governmental agency.

Respectfully submitted,
Professional Service Industries, Inc.

ARM 219

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Houston, Texas 77213-6120

PROJECT: Asbestos Analysis
Houston, Texas

DATE: February 1, 1989

OUR REPORT NO.: 204-99004-01

METHOD: ☒ PLM with Dispersion Staining

Laboratory No.	169004		
Sample ID No. and Location	Piping Insulation Under Hi-Line (Top Line-6") East End		
Type of Material	Piping Insulation		
Gross Appearance/Texture	Friable		
Is it homogeneous?	Yes		
Are there obvious layers?	No		
Is it fibrous?	Yes		
What color is it?	White		
IS ASBESTOS PRESENT?	Yes		
ASBESTOS (Type & Percent) 1. Chrysotile 2. Amosite 3. Crocidolite 4. Other (specify)	45% Amosite		
TOTAL PERCENT ASBESTOS	45%		
OTHER FIBROUS MATERIALS (Type & Percent) 1. Fibrous Glass 2. Cellulose 3. Other (specify)	None		
NONFIBROUS MATERIALS %	55% Binder		

COMMENTS:

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ARM 220