



RECEIVED
OCT 18 1996

*Consistent quality in
Industrial Insulation
for two decades.*

October 07, 1996

cc: Charles Douglas	C.M.P.	Building 2307
Annice Zeno	Legal Department	Building 2306
Darlene S. Creel	Industrial Hygiene	Building 3502

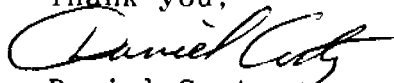
Asbestos Bulk Analysis #'s 9609100003 Thru 9609100049
(total number of samples 47)

Attached is the laboratory report for Interim Method for
Bulk Analysis , utilizing P.L.M..

The OSHA 8 hour permissible exposure limit for asbestos is
0.1 f/cc >5 microns and the 30 minute short term exposure
limit is 1 f/cc >5 ,microns.

Please call me if you have any questions regarding this
report.

Thank you,


Daniel Cortez
Petrin Corporation
(504) 353-4496
FAX (504) 353-6982

Attachments 7

PRODUCED FOR THE ASBESTOS DATABASE
DATE: 10-7-96
MASTER NO. 4900



Inchcape Testing Services

Environmental Laboratories

ANALYTICAL RESULTS FOR SAMPLES TESTED BY

INCHCAPE TESTING SERVICES

BATON ROUGE

**REPORT TO : DOW CHEMICAL COMPANY
PO BOX 150
IH BUILDING 4106
PLAQUEMINE, LA 70764-0150**

**ATTENTION : DANIEL CORTEZ
CLIENT ID : 0082
GROUP NO: 9608237**

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DO 008052



Inchcape Testing Services

Environmental Laboratories

Sample receipt at Inchcape Testing Services is documented for your designated sample(s). Chain-of-custody documentation, if provided, is included in this report. Sample analysis was performed in accordance with Environmental Protection Agency "Interim Method For Bulk Analysis" utilizing the Olympus BH2 Polarized Light Microscope. Percentages are based on visual estimate. Accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for the specific scope of accreditation under Lab Code # 101468. The term "NVLAP" and the NVLAP logo are federally registered trademarks of the National Institute of Standards and Technology and the federal government, which retain exclusive rights to their use. This report cannot be used to claim product endorsement by NVLAP.

The following table depicts the acceptable error range for PLM analysis.

% Area Asbestos	Acceptable Mean Result	% Area Asbestos	Acceptable Mean Result
1	>0-3%	50	40-60%
5	>1-9%	60	50-70%
10	5-15%	70	60-80%
20	10-30%	80	70-90%
30	20-40%	90	80-100%
40	30-50%	100	90-100%

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/M4-82-020 December 1982, may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Transmission Electron Microscopy (TEM).

This report shall not be reproduced, except in full, without the written permission of Inchcape Testing Services. The results herein are to remain confidential and relate only to the sample(s) tested. All samples are disposed of 30 days after completion of analysis. Documented results are shown on the following pages.

UNITED STATES DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

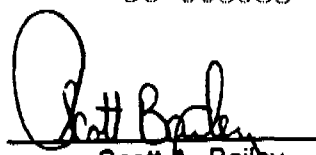


CERTIFICATE OF ACCREDITATION
THIS REPORT IS NOT FOR DISSEMINATION

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DO 008053


Carolyn Dicharry
Asbestos Supervisor


Scott A. Bailey
Operations Manager

DOW CHEMICAL COMPANY
PO BOX 150
BUILDING 3502 E.
PLAQUEMINE , LA 70764-0150

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DO 008054

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100003 SAMPLED:	#1	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/BIND
9609100004 SAMPLED:	#2	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/BIND
9609100005 SAMPLED:	#3	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/BIND
9609100006 SAMPLED:	#4	BK	FI/OT	CHRY/1-3	FBGL/5-10	ND	ND	TAR/FOAM
9609100007 SAMPLED:	#5	BK	FI/OT	CHRY/1-3	FBGL/5-10	ND	ND	TAR/BIND

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYSTOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR=TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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BUILDING 3502 E.
PLAQUEMINE , LA 70764-0150

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SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100008 SAMPLED:	#6	BK/BR	FI/OT	CHYR/1-3	FBGL/5-10	ND	ND	TAR/FOAM
9609100009 SAMPLED:	#7	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/FMGL
9609100010 SAMPLED:	#8	BK/GR	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/FMGL
9609100011 SAMPLED:	#9	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/BIND
9609100012 SAMPLED:	#10	BK/BR	OT	CHRY/1-3	ND	ND	ND	TAR/FOAM

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR =TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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BUILDING 3502 E.
PLAQUEMINE , LA 70764-0150

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DO 008056

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100013 SAMPLED:	#11	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/FOAM
9609100014 SAMPLED:	#12	BK	FI/OT	CHRY/3-5	FBGL/5-10	ND	ND	TAR/BIND
9609100015 SAMPLED:	#13	BK	FI/OT	FBGL/5-10	WOLL/10-15	ND	ND	TAR/FMGL
9609100016 SAMPLED:	#14	BK	FI/OT	WOLL/10-15	FBGL/5-10	ND	ND	TAR/BIND
9609100017 SAMPLED:	#15	BK	FI/OT	WOLL/10-15	FBGL/5-10	ND	ND	TAR/BIND

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYSTOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR =TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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DO 008057

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100018 SAMPLED:	#16	BK/BG	FI/OT	FBGL/5-10	CELL/5-10	WOLL/5-10	ND	TAR/BIND
9609100019 SAMPLED:	#17	BK/BR	FI/OT	FBGL/5-10	WOLL/10-15	ND	ND	TAR/FMGL
9609100020 SAMPLED:	#18	BK/BG	FI/OT	WOLL/10-15	FBGL/5-10	CELL/3-5	ND	TAR/BIND
9609100021 SAMPLED:	#19	BK/BG	FI/OT	FBGL/5-10	WOLL/5-10	CELL/5-10	ND	TAR/BIND
9609100022 SAMPLED:	#20	BK/BG	FI/OT	WOLL/5-10	FBGL/5-10	ND	ND	TAR/BIND

DESCRIPTIONS		FIBER TYPES		BINDERS
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYSOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR=TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100023 SAMPLED:	#21	BK/GR	FI/OT	FBGL/5-10	WOLL/10-15	ND	ND	TAR/FMGL
9609100024 SAMPLED:	#22	BK/GR	FI/OT	WOLL/10-15	FBGL/5-10	ND	ND	TAR/BIND
9609100025 SAMPLED:	#23	BK	FI/OT	WOLL/10-15	FBGL/5-10	ND	ND	TAR/BIND
9609100026 SAMPLED:	#24	BK	FI/OT	WOLL/10-15	FBGL/5-10	ND	ND	TAR/BIND
9609100027 SAMPLED:	#25	BK	FI/OT	CELL/10-15	FBGL/5-10	ND	ND	TAR/FMGL

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYBOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR =TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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DO 008059

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100028 SAMPLED:	#26	BK	FI/OT	CELL/10-15	FBGL/5-10	ND	ND	TAR/FMGL
9609100029 SAMPLED:	#27	BK	FI/OT	CELL/10-15	FBGL/5-10	ND	ND	TAR/BIND
9609100030 SAMPLED:	#28	BK/BR	OT	CELL/5-10	ND	ND	ND	TAR/FOAM
9609100031 SAMPLED:	#29	BK/BR	OT	CELL/5-10	ND	ND	ND	TAR/FOAM
9609100032 SAMPLED:	#30	BK/BR	OT	CELL/5-10	ND	ND	ND	TAR/FOAM

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYBOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR=TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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PO BOX 150
BUILDING 3502 E.
PLAQUEMINE , LA 70764-0150

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DO 008060

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100033 SAMPLED:	#31	BK/TA	OT/FI	SYNT/10-15	ND	ND	ND	TAR/BIND
9609100034 SAMPLED:	#32	BK/TA	OT	CELL/5-10	ND	ND	ND	TAR/FOAM
9609100035 SAMPLED:	#33	WH/GR	FI/OT	AMOS/1-3	FBGL/40-50	CELL/15-25	ND	BIND
9609100036 SAMPLED:	#34	WH/GR	FI/OT	AMOS/3-5	FBGL/40-50	CELL/15-25	ND	BIND
9609100037 SAMPLED:	#35	WH/TA	FI/OT	CELL/15-25	FBGL/15-25	ND	ND	BIND

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYBOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR =TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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PLAQUEMINE , LA 70764-0150

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DO 008061

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100038 SAMPLED:	#36	BK/WH	FI/OT	FBGL/5-10	WOLL/5-10	CELL/5-10	ND	TAR/BIND
9609100039 SAMPLED:	#37	BK/WH	FI/OT	FBGL/5-10	CELL/5-10	WOLL/5-10	ND	TAR/BIND
9609100040 SAMPLED:	#38	BK/WH	FI/OT	FBGL/5-10	CELL/5-10	WOLL/5-10	ND	TAR/BIND
9609100041 SAMPLED:	#39	BK	FI/OT	FBGL/5-10	CELL/5-10	WOLL/5-10	ND	TAR/FMGL
9609100042 SAMPLED:	#40	GR	GR	ND	ND	ND	ND	FMGL/BIND

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYSTOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR=TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

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PO BOX 150
BUILDING 3502 E.
PLAQUEMINE , LA 70764-0150

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DO 008062

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100043 SAMPLED:	#41	BK/GR	FI/OT	CELL/10-15	FBGL/5-10	ND	ND	TAR/FMGL
9609100044 SAMPLED:	#42	BK/GR	FI/OT	CHRY/1-3	FBGL/5-10	ND	ND	TAR/FMGL
9609100045 SAMPLED:	#43	GR/BK	GR/OT	ND	ND	ND	ND	FMGL/TAR
9609100046 SAMPLED:	#44	BK/BG	FI/OT	FBGL/30-40	ND	ND	ND	TAR/BIND
9609100047 SAMPLED:	#45	GR/WH	FI/OT	SYNT/10-15	FBGL/5-10	ND	ND	BIND

DESCRIPTIONS		FIBER TYPES		
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	BINDERS
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYSTOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR =TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

DOW CHEMICAL COMPANY
PO BOX 150
BUILDING 3502 E.
PLAQUEMINE , LA 70764-0150

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DO 008063

SAMPLE NUMBER	CLIENT IDENTIFICATION	COLOR 1 / 2	TEXTURE 1 / 2	FIBER 1 TYPE/%	FIBER 2 TYPE/%	FIBER 3 TYPE/%	FIBER 4 TYPE/%	BINDER TYPE/%
9609100048 SAMPLED:	#46	BK	FI/OT	CELL/10-15	FBGL/5-10	ND	ND	TAR/FMGL
9609100049 SAMPLED:	#47	BK	FI/OT	CELL/10-15	FBGL/5-10	ND	ND	TAR/FMGL

DESCRIPTIONS		FIBER TYPES		BINDERS
COLOR	TEXTURE	ASBESTOS FIBERS	OTHER FIBERS	
OR=ORANGE	FI=FIBROUS	ACTI=ACTINOLITE	CELL=CELLULOSE	BIND=BINDER
WH=WHITE	NF=NON-FIBROUS	AMOS=AMOSITE	FBGL=FIBERGLASS	CORK=CORK
GR=GRAY	CE=CEMENT	ANTH=ANTHOPHYLLITE	WOLL=WOLLASTONITE	FMGL=FOAMGLASS
TA=TAN	TI=TILE	CHRY=CHRYOTILE	SYNT=SYNTHETIC	VERM=VERMICULITE
YE=YELLOW	FA=FABRIC	CROC=CROCIDOLITE		FOAM=FOAM
RE=RED	GR=GRANULAR	TREM=TREMOLITE		FOIL=FOIL
GN=GREEN	PA=PAPER			QUAT=QUARTZ
BL=BLUE	TR=TRANSITE			PERL=PERLITE
BK=BLACK	MA=MASTIC			CARB=CARBONATE
BR=BROWN	OT=OTHER			TAR =TAR
BG=BEIGE				VINY=VINYL TILE
PI=PINK				COMPOUND

DOW 0082/9608237/9-18-96

INCHCAPE LABORATORIES INC.
7979 GSRI AVE.
BATON ROUGE, LA. 70820

PO # 30983592
MSI # 210677
SAMPLE ID # 49 each
Samples

CHAIN-OF CUSTODY RECORD

SAMPLE COLLECTION:

960910-3
-49

DATE: 9/05/96

COLLECTORS NAME: Daniel Cortez

COMPANY NAME: PETRIN CORPORATION AT DOW CHEMICAL (504-353-4496)

ADDRESS: P.O. BOX 150 PLAQUEMINE, LOUISIANA 70765-0500 BUILDING 4106

DATE SAMPLED: 9/03/96 - 9/04/96 TIME: 7am - 3:30pm

TYPE OF PROCESS OR FACILITY SAMPLED: BULK I.D. via PLM

FIELD INFORMATION: CMP INVENTORY samples

SAMPLE SHIPPING (OTHER THAN TRANSPORTATION BY COLLECTOR):

TRANSPORTER'S NAME: Chin Hill DATE: 9-9-96 TIME: 17:50

COMPANY NAME: INCHCAPE COURIER

ADDRESS: 7979 GSRI AVENUE BATON ROUGE, LA. 70820 PHONE (504) 769-4900

SAMPLE RECEIVING:

PERSON ACCEPTING SAMPLE: LOM DATE: 9-9-96 TIME: 17:50

COMPANY NAME: INCHCAPE

ADDRESS: 7979 GSRI AVENUE BATON ROUGE, LA. 70820

PLEASE FAX RESULTS TO DANIEL CORTEZ 353-6982 .

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DO 008064

ACM SUSPECT SAMPLING FORM

Unit: *CMP*PO: *30983592*Area: *Inventory*MSI: *210677*Date: *9/05/96*

Sample I.D. / Location	Results	Equipment I.D.	Equipment Location
① <i>SAMPLE A</i>		<i>E-52 piping</i>	<i>Bm E. Side up Rack 4"</i>
② <i>B</i>		↓	↓
③ <i>C</i>		↓	↓
④ <i>A</i>		<i>R-60 area</i>	<i>Bm 4" demo N/s pipeway</i>
⑤ <i>B</i>		↓	↓
⑥ <i>C</i>		↓	↓
⑦ <i>A</i>		<i>E-52 piping</i>	<i>Bm out of top N/s pipeway</i>
⑧ <i>B</i>		↓	↓
⑨ <i>C</i>		↓	↓
⑩ <i>A</i>		<i>R-60 demo</i>	<i>Bm 8" top rack N/s pipeway</i>
⑪ <i>B</i>		↓	↓
⑫ <i>C</i>		↓	↓
⑬ <i>A</i>		<i>E-1002</i>	<i>Bm 8" piping going W.</i>
⑭ <i>B</i>		↓	↓
⑮ <i>C</i>		↓	↓
⑯ <i>A</i>		<i>T-500 B</i>	<i>Bm piping NO. OF / 1' & 2'</i>
⑰ <i>B</i>		↓	↓
⑱ <i>C</i>		↓	↓
⑲ <i>A</i>		<i>IFJB 14/15</i>	<i>piping SO. OF</i>
⑳ <i>B</i>		↓	↓

Inspector Name:

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Accreditation Number:

DO 008065

ACM SUSPECT SAMPLING FORM

Unit: *CMP*PO: *30983592*Area: *Inventory*MSI: *210677*Date: *9/05/96*

Sample I.D./ Location	Results	Equipment I.D.	Equipment Location
(21) Sample C		IFJB 14/15	piping SO. OF
(22) A		INTERCOM H I B	BM piping NO. OF
(23) B		↓	↓
(24) C		↓	↓
(25) A		D-1760	BM valves west end
(26) B		↓	↓
(27) C		↓	↓
(28) A		AC to MCC	2" piping FROM
(29) B		↓	↓
(30) C		↓	↓
(31) D		↓	↓
(32) E		↓	↓
(33) A		AC to MCC	1" piping FROM
(34) B		↓	↓
(35) C		↓	↓
(36) A		K-1007 B	3" & 8" piping NORTH OF
(37) B		↓	↓
(38) C		↓	↓
(39) A		C-807	8" piping SO. OF
(40) B		↓	↓

Inspector Name:

Accreditation Number:

CONFIDENTIAL

DO 008066

ACM SUSPECT SAMPLING FORM

Unit: *CMP*

PO: 30983592

Area: *INVENTORY*

MSI: 210677

Date: 9/05/96

[illegible]

Inspector Name:

Accreditation Number:

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DO 008067

JOB SAFETY ANALYSIS

<u>PLANT:</u>					
<u>JSA NUMBER:</u>		<u>ANALYSIS MADE BY:</u>		<u>JOB TITLE:</u> Reduce PPE for Sulfuric Acid Samples	
<u>ORIGINAL DATE:</u> 8/2/97		<u>CLASSIFICATION DOING JOB:</u> OS		<u>PAGE:</u>	
				<u>ANALYSIS REVIEWED BY:</u>	
				<u>DATE</u>	<u>INIT.</u>
<u>MATERIALS HANDLED:</u> 40-80% Sulfuric Acid, Water					
<u>PLANT AREA:</u> C-202, C-650					
<u>EQUIPMENT INVOLVED:</u> Technova Acid Samplers					
<u>REQUIRED PERSONAL EQUIPMENT:</u> Acid Suit					
<u>SEQUENCE OF JOB STEPS</u>		<u>HAZARD OR POTENTIAL ACCIDENT</u>		<u>RECOMMENDED SAFE JOB PROCEDURE</u>	
		The hazard of the sampling is when the bomb is removed, the valve could leak by.		The recommendation is to reduce the PPE required for the job to monogoggles, rubber boots, nitrile rubber gloves, slicker suit.	

DO 008068

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JOB SAFETY ANALYSIS

<u>PLANT:</u> Methanes		<u>ANALYSIS MADE BY:</u> Colleen Storm/Charles Douglas		<u>JOB TITLE:</u> Reduce PPE for HCL Samples		<u>PAGE:</u>		<u>ANALYSIS</u>	
<u>JSA NUMBER:</u>		<u>CLASSIFICATION DOING JOB:</u> OS						<u>REVIEWED BY</u>	
<u>ORIGINAL DATE:</u> 8/22/97								<u>DATE</u> <u>INIT.</u>	
<u>MATERIALS HANDLED:</u> 15-24% HCL, Water, <5% Methanol, <1% Methyl Chloride									
<u>PLANT AREA:</u> C-600, C-200, C-200B, C-210									
<u>EQUIPMENT INVOLVED:</u> Technova Sampler w/ remotely actuated switch									
<u>REQUIRED PERSONAL EQUIPMENT:</u> Slider Suit, Monogoggles, Rubber gloves, rubber boots									
<u>SEQUENCE OF JOB STEPS</u>	<u>HAZARD OR POTENTIAL ACCIDENT</u>	<u>RECOMMENDED SAFE JOB PROCEDURE</u>							
	The only hazard associated with the sampling is when removing the sample bomb there is a potential to have acid leak out of the valve.	The PPE recommendations are that the PPE required to take the sample can be reduced to monogoggles, nitrile rubber gloves and buna-rubber coated lab apron							

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