cia®

custard insurance adjusters, inc.

August 4, 2003

Pandel, Inc.
21 River Drive
Cartersville, GA 30120

ADDRESS REPLY TO:

350 Research Court
Suite 100
Norcross, GA 30092
Tel: 770-729-8160
Fax: 770-729-8165
E-mail: atlanta.ga@custard.com

ATTENTION: **E. Johnson**

Your File/Claim #: **18574**
Your Insured: **Pandel, Inc.**
Date of Loss: **12/30/1899**
Our File #: **025-025357**

SLIP RESISTANCE TESTING REPORT

Client: **Pandel, Inc.**
Claim Rep: **Thomas Pellegrino**
Claim #: **025-025357**
Insured: **Pandel, Inc.**
Our File #: **025-025357**
CIA Rep: **Brian Goud**

Explanation of Slip Resistance Testing

The purpose of the testing is to measure the static coefficient of friction of the subject surface. Accepted industry standards as adopted by the American Society for Testing and Materials (A.S.T.M.), the American National Standards Institute (A.N.S.I.) and Case Law are as follows:

Static Coefficient of Friction (SCOF)

.7	Increasing safety
.6	
.5	Threshold of safety
.4	
.3	Increasing slipperiness
.2	

OSHA recommends that walking surfaces have a static coefficient of friction of .5 or above. A.S.T.M. and A.N.S.I. specify a threshold of safety for walking surfaces of .5. The A.D.A. recommends that access routes for disabled persons should have a coefficient of friction of at

least .6 for level walkways and .8 for ramps. Case law precedent recognizes a threshold of safety for walking surfaces of .5. Slip Resistance Testing has been designed to provide you with valuable investigative information in order to reach timely conclusions as to case strategy.

PURPOSE OF TESTING:

To determine the Static Coefficient of Friction (SCOF) of the tested surface. We will compare test results with accepted standards for slip resistance.

NARRATIVE:

We were supplied a sample of the Pandel, Inc. WearTrak floormat product. The sample was tested using the English XL Variable Incidence Tribometer Slip-Resistance Tester. Tests were conducted both wet and dry using accepted testing methods. Testing was conducted in accordance with ASTM F 1679, *Standard Test Method for Using a Variable Incidence Tribometer.*

All dry testing reflected SCOF readings of 1.0 or above. Wet testing produced results in a range from .85 to .975.

Photographs were obtained of the test sample and during the course of the testing process.

CONCLUSIONS:

Our testing reflected a Static Coefficient of Friction (SCOF) exceeding the OSHA recommended threshold of safety of .5 of above, both wet and dry. All testing reflected SCOF readings well above accepted standards of safety. It is our conclusion that the Pandel, Inc. WearTrak floormat sample we tested would be considered extremely safe for normal walking conditions.

Thank you for allowing us to assist you with this testing. We would be pleased to address any points or questions, or provide further assistance.

Custard Insurance Adjusters, Inc.

Brian Goud
Regional Manager

Enclosures: SRT Test Results
Photographs

SLIP RESISTANCE FIELD TEST RESULTS

NS = NO SLIP
S = SLIP

TEST LOCATION	SURFACE CONDITION	SCOF READING	COMMENTS
#1a	Dry	.5 .55 .6 .65 .7 .75 .8 .85 .9 .95 1.0– S .9 .925 .975 1.0– NS	SCOF Tested 1.0
#1b	Dry	.8 .85 .9 .95 1.0 – S .9 .925 .95 .975 1.0 – S	SCOF Tested 1.0
#1c	Dry	.8 .85 .9 .95	SCOF Tested above1.0

		1.0 – NS .9 .925 .95 .975 1.0 – NS	
#1d	Dry	.8 .85 .9 .95 1.0– NS .9 .925 .95 .975 1.0– NS	SCOF Tested above 1.0
#1a	Wet	.5 .55 .6 .65 .7 .75 .8 .85 – S .75 .775 .8 .825 .85 .875 – S	SCOF Tested .85 to .875
#1b	Wet	.7 .75 .8 .85 .875 – S	SCOF Tested .85 to .875

		.8 .825 .85 – S	
#1c	Wet	.7 .75 .8 .85 .9 – S .8 .825 .85 .875 – S	SCOF Tested .875 to .9
#1d	Wet	.7 .75 .8 .85 .9 – S .8 .825 .85 .875 .9 – S	SCOF Tested .9
#2a	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#2b	Dry	.8	SCOF Tested above1.0

		.85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0 – NS	
#2c	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0 – NS	SCOF Tested above1.0
#2d	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#2a	Wet	.8 .85 .9 .95 – S .85 .875	SCOF Tested .95

		.9 .925 .95 – S	
#2b	Wet	.8 .85 .9 – S .8 .825 .85 .875 .9 .925 – S	SCOF Tested .9 to .925
#2c	Wet	.8 .85 .9 .95 – S .85 .875 .9 .925 – S	SCOF Tested .925 to .95
#2d	Wet	.8 .85 .9 .925 – S .85 .875 .9 .925 – S	SCOF Tested .925
#3a	Dry	.8 .85 .9 .95 1.0 – NS	SCOF Tested above1.0

		.9 .925 .95 .975 1.0– NS	
#3b	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#3c	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#3d	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0 – NS	SCOF Tested above1.0

#3a	Wet	.8 .85 .9 .95 – S .85 .875 .9 .925 – S	SCOF Tested .925 to .95
#3b	Wet	.8 .85 .9 .95 – S .85 .875 .9 .925 .95 – S	SCOF Tested .95
#3c	Wet	.8 .85 .9 .95 – S .85 .875 .9 .925 .95 – S	SCOF Tested .95
#3d .9	Wet	.8 .85 .875 – S .8 .825 .875	SCOF Tested .875 to

		.9 – S	
#4a	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#4b	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#4c	Dry	.8 .85 .9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	SCOF Tested above1.0
#4d	Dry	.8 .85	SCOF Tested above1.0

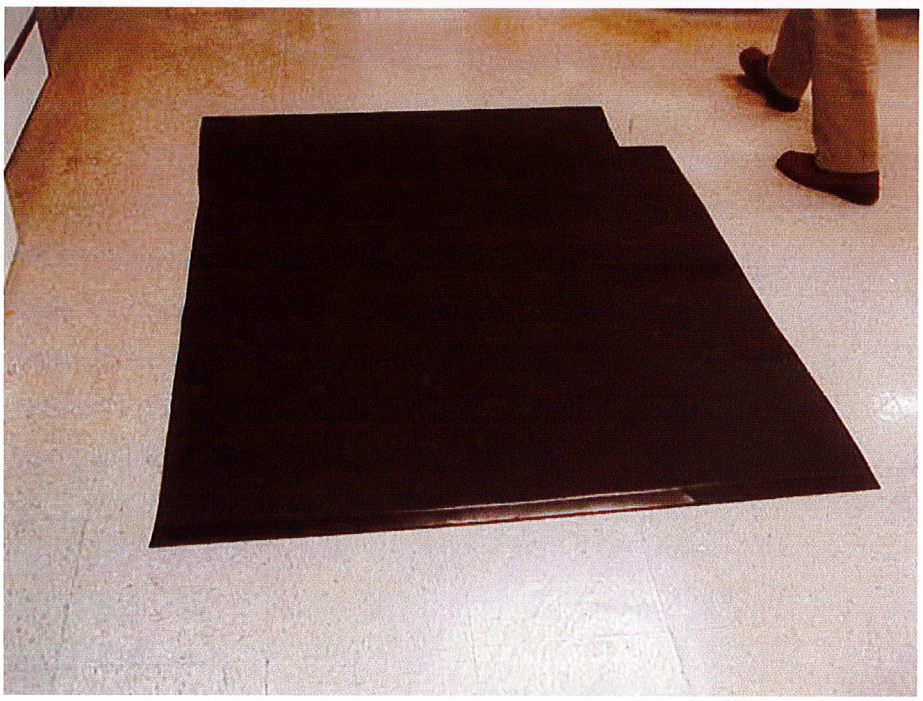
		.9 .95 1.0 – NS .9 .925 .95 .975 1.0– NS	
#4a	Wet	.8 .85 .9 .95 .975 – S .85 .875 .9 .925 .95 – S	SCOF Tested .95 to .975
#4b	Wet	.8 .85 .9 .925 – S .85 .875 .9 .925 .95 – S	SCOF Tested .925 to .95
#4c	Wet	.8 .85 .9 .925 – S .85 .875 .9 .925	SCOF Tested .925 to .95

		.95 – S	
#4d	Wet	.8 .85 .875 – S .8 .825 .85 .875 – S	SCOF Tested .875

PHOTOS

File #:
Date:
Insured:
Claimant:
Date of Loss:

1.



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PHOTOS

File #:
Date:
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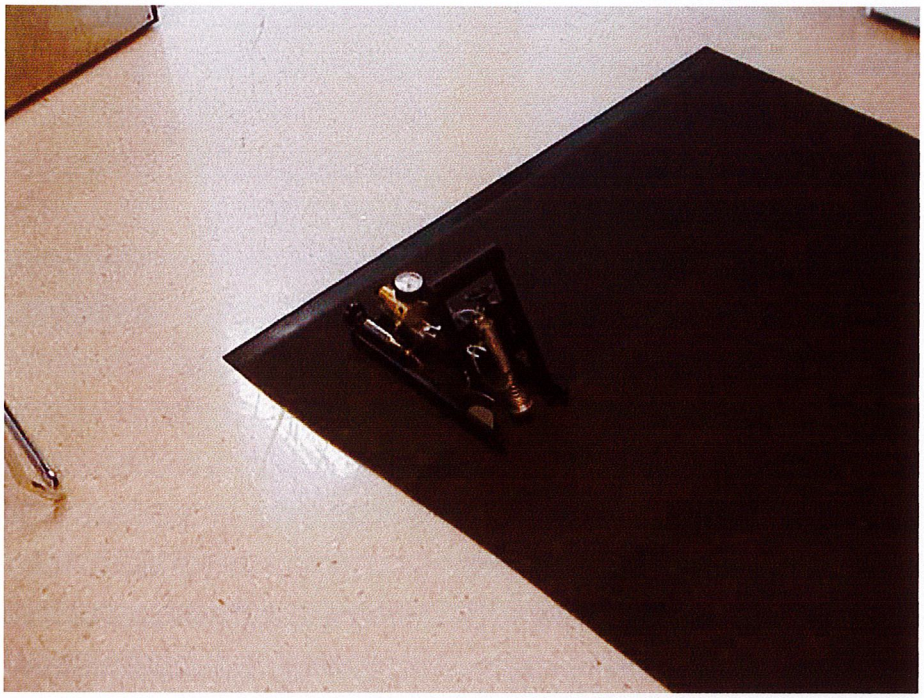
Claimant:
Date of Loss:



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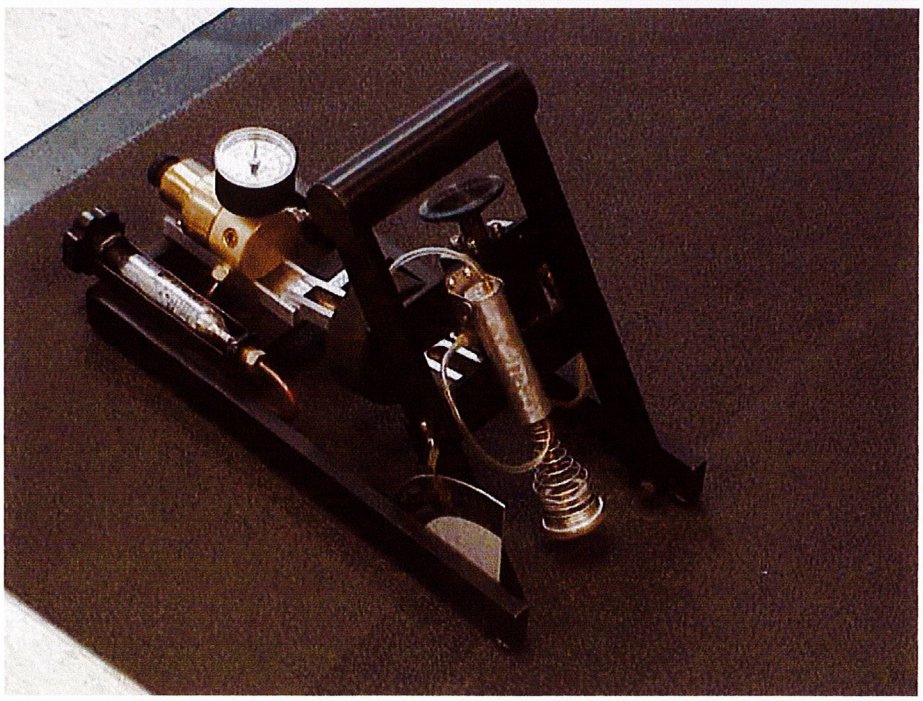

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PHOTOS

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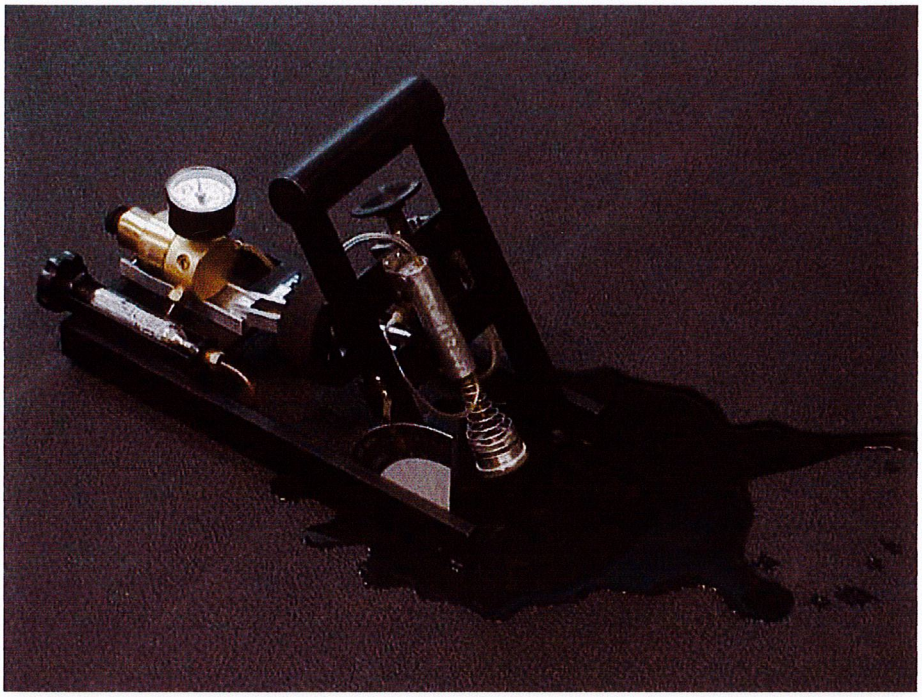

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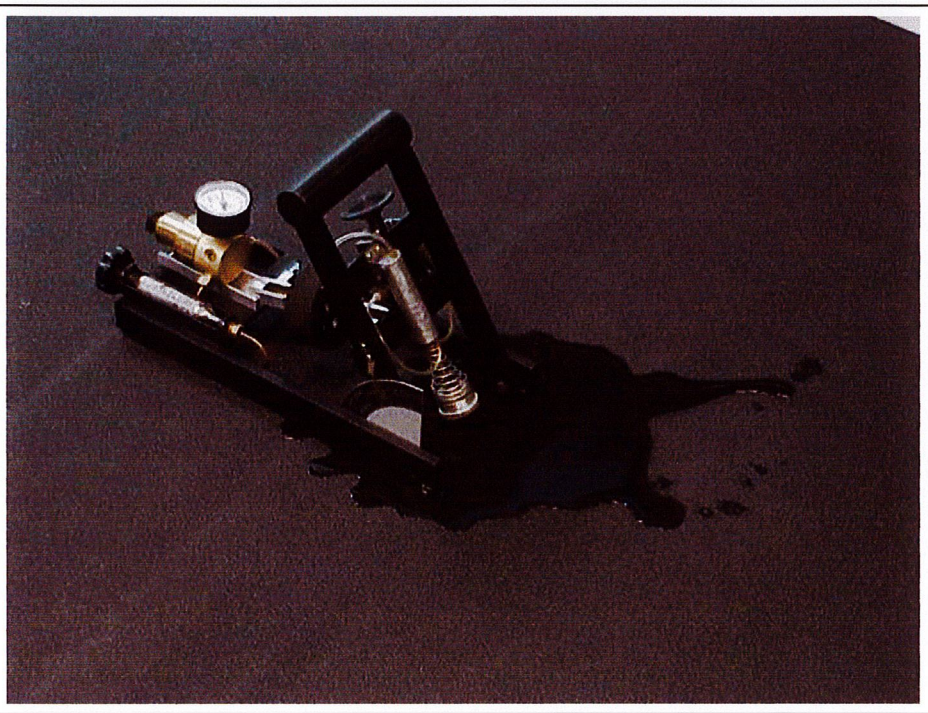

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PHOTOS

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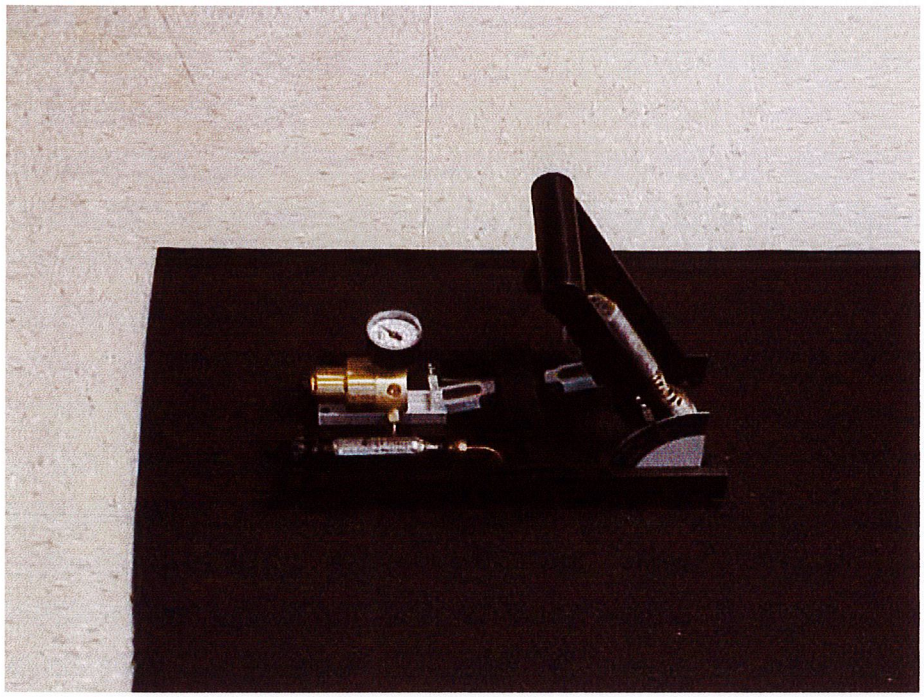
Claimant:
Date of Loss:



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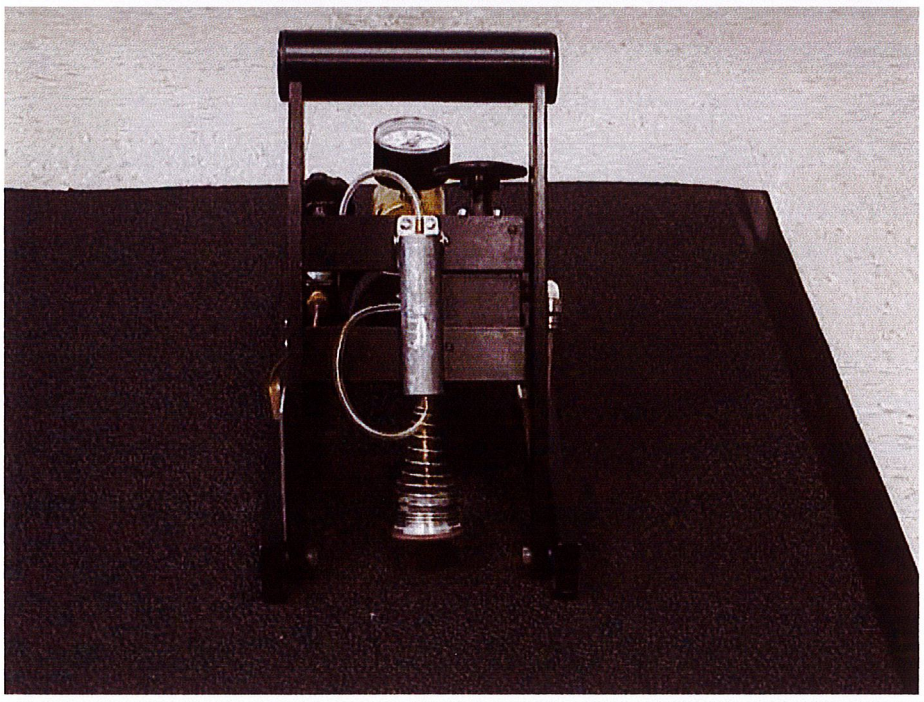

8.