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AUG 27 2004

PUBLIC SERVICE
COMMISSION

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Cincinnati, OH 45201-0960
Tel 513.287.3601
Fax 513.287.3810
jfinnigan@cinergy.com

JOHN J. FINNIGAN, JR.
Senior Counsel



August 20, 2004

Kentucky Public Service Commission
Ms. Elizabeth O'Donnell
211 Sower Blvd., P.O. Box 615
Frankfort, Kentucky 40602-0615

RE: Attachment A
In the Matter of the Request of The Cincinnati Gas & Electric Company for a Waiver of the
Requirements of 49 CFR 192 Appendix B Relating to Tensile Testing
Case No. 2004-00298

Dear Ms. O'Donnell:

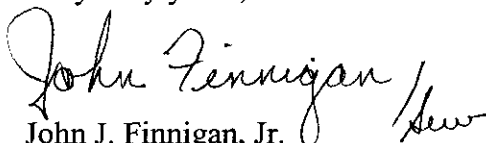
Enclosed please find an original and 17 copies of Attachment A to the Application for Permission
to Use Small-Sized Steel Pipe Samples for Tensile Testing Required Under The Commission's Gas
Pipeline Safety Rules which was submitted to the KyPSC.

Attachment A to the filing was inadvertently omitted from the filing. Please add this attachment to
the original filing and return the extra copies in the enclosed self-addressed envelope provided.

Should you have any questions, please call me at 513-287-3601.

Thank you.

Very truly yours,


John J. Finnigan, Jr.
Senior Counsel

JJF/sew
Enclosures
131194



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COMMISSION

Page 1 of 2
TTL-04-1105

DATE: June 4, 2004

CUSTOMER: US Inspection Services
502 W. Crescentville Rd.
Cincinnati, Ohio 45246

WORK ORDER: L 226724

LAB NO.: TTL-04-1105

REQUESTED BY: Mr. Mark Koehler / Mr. John Eads

SUBJECT: Tensile Strength of Carbon Steel Pipe

DESCRIPTION: Two Boat Samples from carbon steel pipe.

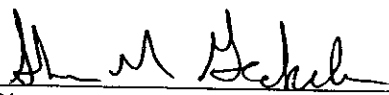
PROCEDURE:

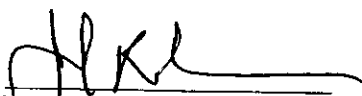
Two Tensile specimens were LOW STRESS GROUND from the submitted boat samples and tension tested per ASTM A-370 & ASTM E-8, Reference Figure #1 & #2 and Low Stress Grind Inspection reports A & B.


RESULTS:

The results of the tension tests are reported in the following table:

ANALYSIS	UNITS	Sample "A"	Sample "B"	
Outside Diameter	INCH	0.117	0.118	
Crosssectional Area	SQ-IN	0.01075	0.01094	
Maximum Load	lb	713	736	
Load @ Yield	lb	575	596	
Tensile Strength	psi	66,300	67,300	
Yield Strength	psi	53,500	54,500	
Elongation	% 4 X Dia.	46.6	53.0	
Reduction of Area	%	50.9	59.6	

Submitted By: 
Shawn Geckeler
Mechanical Engineering

Reviewed By: 
John R. Morris
Mgr. Laboratory Services

Concurred By: 
Steven L. Fogle
Director of Materials Testing

PROCEDURE:

Two Tensile specimens were LOW STRESS GROUND from the submitted boat samples and tension tested per ASTM A-370 & ASTM E-8, Reference Figure #1 & #2 and Low Stress Grind Inspection reports A & B.

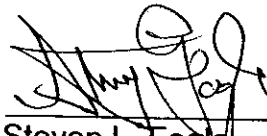
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Submitted By: _____
 Shawn Geckeler
 Mechanical Engineering

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 Steven L. Fogel
 Director of Materials Testing

US Inspection Services L - 226724

6/2/2004

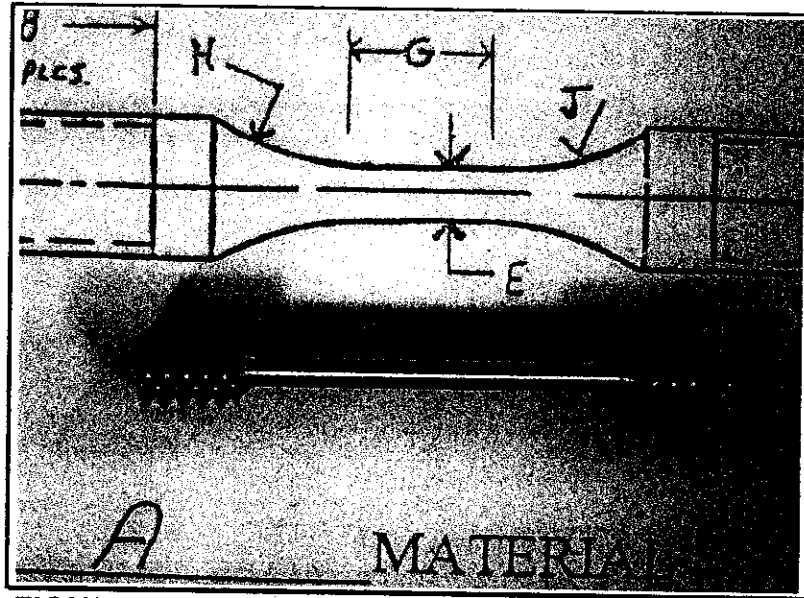


FIGURE 1: CINERGY Sample "A" Carbon Steel Pipe

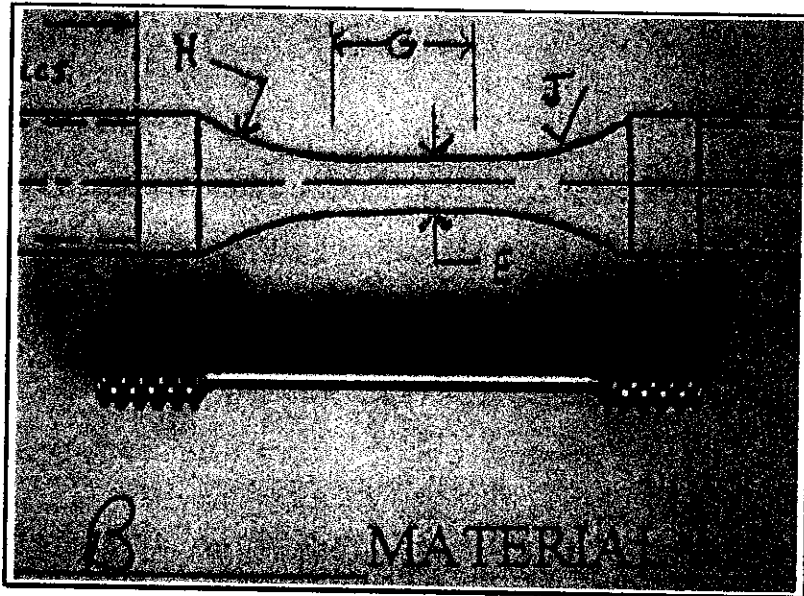


FIGURE 2: CINERGY Sample "B" Carbon Steel Pipe





FINAL INSPECTION REPORT

LOW STRESS GRIND, INC.
=====

PAGE 1 OF 2

P041065
 CUSTOMER P.O. NUMBER
8675
 LSG JOB NUMBER

TTL-04-11051
 DWG # REV.
6-2-04
 DATE
[Signature]
 INSPECTOR

2 / 2
 TOTAL INSPECTION
 LOT SIZE LOT SIZE

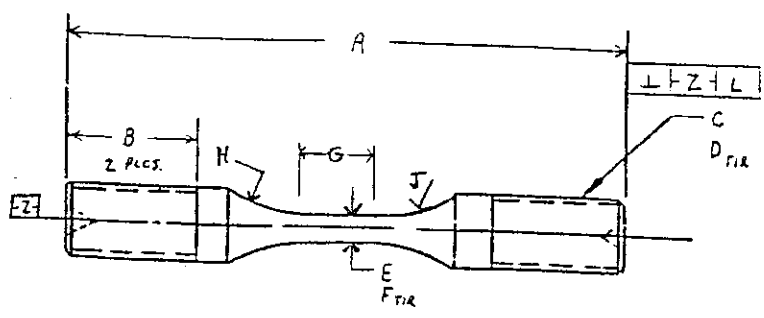
AMT OF NONCONFORMING

NONCONFORMANCE
 ACCEPTED BY
 YES NO
 CUSTOMER NOTIFIED

PERSON CONTACTED

DATE CONTACTED

LSG 029



S/N A MATERIAL STEEL

INSTRUMENT USED	DRAWING DIMENSION	MEASURED DIMENSION	OUT OF TOLERANCE
<u>2-282</u>	A <u>1.600 ± .01</u>	<u>1.590</u>	
<u>N/A</u>	B <u>THRU</u>	<u>-</u>	
<u>1-227</u>	C <u>.2489 / .2408</u>	<u>.246 / .246</u>	
<u>S-Com 001</u>	D <u>.002</u>	<u>OK</u>	
<u>S-005</u>	PITCH DIA <u>.2164 / .2127</u>	<u>.215 / .215</u>	
<u>S-Com 001</u>	MINOR DIA <u>.1876</u>	<u>OK</u>	
<u>S-Com 001</u>	ROOT RAD <u>.009 / .0025</u>	<u>.0075 / .0075</u>	
<u>S-Com 001</u>	E <u>.118 ± .001</u>	<u>.1175</u>	
<u>S-Com 001</u>	F <u>.001</u>	<u>.0008</u>	
<u>S-Com 001</u>	G <u>1.00 ± .02</u>	<u>.980</u>	
<u>S-Com 001</u>	H <u>.60 R ± .01</u>	<u>OK</u>	
<u>S-Com 001</u>	I <u>-</u>	<u>-</u>	
<u>U/SUAC</u>	UNDERCUT J <u>32 RMS</u>	YES <u>NO</u> <u>OK</u>	
	K		
	L		
	M		
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COMMENTS

LSG

FINAL INSPECTION REPORT

LOW STRESS GRIND, INC.

PAGE 2 OF 2

PO 41065
CUSTOMER P.O. NUMBER

8675
LSG JOB NUMBER

TTL-04-11051
DWG # REV.

6-2-04
DATE
[Signature]
INSPECTOR

2 / 2
TOTAL LOT SIZE / INSPECTION LOT SIZE

AMT OF NONCONFORMING

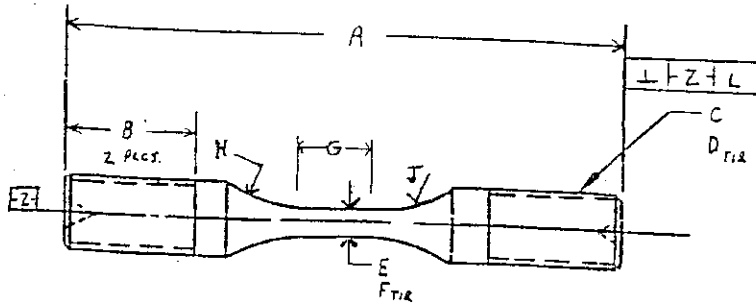
NONCONFORMANCE ACCEPTED BY

YES NO
CUSTOMER NOTIFIED

PERSON CONTACTED

DATE CONTACTED

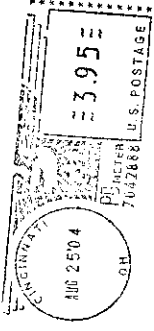
LSG 029



S/N B MATERIAL STEEL

INSTRUMENT USED	DRAWING DIMENSION	MEASURED DIMENSION	OUT OF TOLERANCE
<u>2-282</u>	A <u>1.600 ± .01</u>	<u>1.610</u>	
<u>N/A</u>	B <u>THRU</u>		
<u>1-227</u>	C <u>.2489 / .2408</u>	<u>.242 / .243</u>	
<u>S-Com 001</u>	D <u>.002</u>	<u>OK</u>	
<u>S-005</u>	PITCH DIA <u>.2164 / .2127</u>	<u>.214 / .215</u>	
<u>S-Com 001</u>	MINOR DIA <u>1876</u>	<u>OK</u>	
<u>S-Com 001</u>	ROOT RAD <u>.009 / .0025</u>	<u>.0025 / .0025</u>	
<u>S-Com 001</u>	E <u>.118 ± .001</u>	<u>.1190</u>	
<u>S-Com 001</u>	F <u>.001</u>	<u>.0008</u>	
<u>S-Com 001</u>	G <u>1.00 ± .02</u>	<u>.980</u>	
<u>S-Com 001</u>	H <u>.60 R ± .01</u>	<u>OK</u>	
<u>-</u>	I <u>-</u>	<u>-</u>	
<u>S-Com 001</u>	UNDERCUT	YES <u>NO</u> ✓	
<u>Visual</u>	J <u>32 RMS</u>	<u>OK</u>	
	K		
	L		
	M		
	N		
	O		
	P		
	Q		
	R		
	S		
	T		
	U		
	V		

COMMENTS



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