

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: May 4, 1956

Lab. Number: 905052

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector

Date Received At Lab.: 5/3/56

Time: 10:30 AM

Material Tested: A. PORTLAND CEMENT
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown

Sample Designations:
Materials Furnished with Analysis
Certification by Producer

~~Mill Test Report No. 40~~

RESULTS OF TEST

MILL TEST 100

A. PORTLAND CEMENT

Test No.	Car No.	Bbls.	Date Shipped	Company	Plant
56	MR1-40856	400	4/13/56	Monarch	Humboldt, Kansas
S-1	MP - 2024	400	4/17/56	Lehigh	Iola, Kansas

B. CYLINDER SHEET STEEL

No Cylinder Sheet Steel Reports Received

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	4/9/56	71750	Sheffield	3917
2	4/10/56	71750	Sheffield	3913
3	4/11/56	71750	Sheffield	3913
4	4/13/56	71750	Sheffield	5005

The original two copies of these Mill Test Reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These tests are available at any time.

2 Lock Joint @ Colwich

2 Weller

1 Knoll

1 Ness

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____

Wichita CHEMICAL AND TESTING Laboratories

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AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:
Lock Joint Pipe Co.
P.O. Box 137
Celvich, Kansas

Date: April 23, 1956

Lab. Number: 904228
(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 4/19/56 Time: 9:00 A.M.

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
B. CYLINDER SHEET STEEL Sample Designations:
C. TENSION WIRE Materials furnished with Analyst's Certification by Producer.

Will Test Report No. 39

RESULTS OF TEST

WILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	Wts.	Date Shipped	Company	Plant
9-2	MP-2155	397	3/27/56	Lehigh	Iola, Kansas
57-3	MP-2095	399	3/28/56	Lehigh	Iola, Kansas
58-3	MP-4284	382	3/29/56	Lehigh	Iola, Kansas
9-2	MP-2112	400	3/30/56	Lehigh	Iola, Kansas
9-2	MP-7644	400	3/30/56	Lehigh	Iola, Kansas
61-2	MP-2207	405	3/31/56	Lehigh	Iola, Kansas
52	MKT-38257	399-1/2	4/3/56	Monarch	Humboldt, Kansas
53	MKT-40830	399-1/2	4/4/56	Monarch	Humboldt, Kansas
54	MKT 34274	390-3/4	4/5/56	Monarch	Humboldt, Kansas
55	MKT 34332	396-1/2	4/6/56	Monarch	Humboldt, Kansas

B. CYLINDER SHEET STEEL

No Cylinder Sheet Steel Reports Received.

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	3/26/56	71750	Sheffield	2821
2	3/27/56	71750	Sheffield	2900
3	3/30/56	71750	Sheffield	2900
4	4/2/56	71750	Sheffield	4994
5	4/3/56	71750	Sheffield	2900
6	4/4/56	71750	Sheffield	3917
7	4/5/56	71750	Sheffield	3917
8	4/6/56	71750	Sheffield	3917

CC: The original two copies of this report were distributed as follows: One to Mr. Knoll and one in Lab. Office. These are available at any time.

Reference: Lock Joint Pipe Co. Celvich
2 Weller
File: oll
FORM 1007

WICHITA CHEMICAL & TESTING LABORATORIES

By: [Signature]
R. L. Hillier

Wichita CHEMICAL AND TESTING Laboratories

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 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Leak Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: April 10, 1956

Lab. Number: 904072

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 4/6/56 Time: 9:30 AM

Material Tested: A. PORTLAND CEMENT
 B. CYLINDER SHEET STEEL
 C. TENSION WIRE

No. of Samples: As Shown
 Sample Designations:
Materials Furnished with Analysis Certification by Producer.

Will Test Report No. 30

RESULTS OF TEST

WILL TEST LOG

A. PORTLAND CEMENT

<u>Test No.</u>	<u>Car No.</u>	<u>Bbls.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
55-2	MP4271	300	3/24/56	Lehigh	Iola, Kansas
56-2	MP2224	400	3/26/56	Lehigh	Iola, Kansas

B. CYLINDER SHEET STEEL

<u>Test No.</u>	<u>Car No.</u>	<u>Heat No.</u>	<u>Company</u>	<u>Mill</u>
5-1	RD020241	13-S-141	Bethlehem	Lackawanna
5-2	PL040395	36-S-135	Bethlehem	Lackawanna
5-2	PL040395	13-S-141	Bethlehem	Lackawanna

C. TENSION WIRE

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
1	3/20/56	71750	Sheffield	2821
2	3/22/56	71750	Sheffield	2821

The original two copies of these Will Test Reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

CONTRACT EXTENSION

CC: 2 Leak Joint @ Colwich
 2 Weller
 1 Knoll
 1 Hess

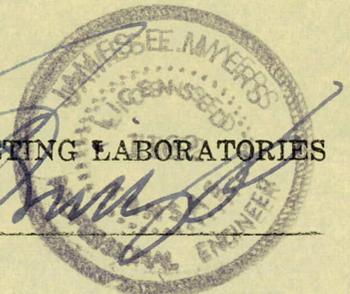
Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
 FORM 501

By: _____

R. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

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LICENSED PROFESSIONAL ENGINEERS

REPORT OF TEST

MEMBERS OF:
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AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: March 31, 1956

Lab. Number: 903425
(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 3/30/56 Time: 10:00 AM

Material Tested: A. PORTLAND
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown
Sample Designations:
Materials Furnished with Analysis Certification by Producer.

Will Test Report No. 37

RESULTS OF TEST

MILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	Bble.	Date Shipped	Company	Plant
53	MP 4156	400	2/18/56	Consolidated	Fredonia, Kansas
54	MP 2042	400	2/21/56	Consolidated	Fredonia, Kansas
55	MP 2116	400	2/23/56	Consolidated	Fredonia, Kansas
52-2	MP 4164	401	3/17/56	Lehigh	Iola, Kansas
6-1	MP 2011	400	3/19/56	Lehigh	Iola, Kansas
53-2	MP 2054	400	3/20/56	Lehigh	Iola, Kansas
6-1	MP 2088	400	3/21/56	Lehigh	Iola, Kansas
54-2	MP 2112	406	3/22/56	Lehigh	Iola, Kansas

B. CYLINDER SHEET STEEL

Test No.	Car No.	Heat No.	Company	Mill
S-1	PRR-614124	790635	Bethlehem	Sparrows Point*
S-2	LTRR-2086	728705	U.S. Steel	Pittsburgh
S-3	BLE-36095	728705	U.S. Steel	Pittsburgh
S-4	RDC-20963	447436	U.S. Steel	Chicago
S-4	PRR-363428	375121	Bethlehem	Lackawanna
S-5	CNJ-1253	315076	Bethlehem	Lackawanna
S-6	LV-32732	315076	Bethlehem	Lackawanna
		138141		
		368135		

CC: 2 Lock Joint @ Colwich
2 Weller
1 Knoll

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



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REPORT OF TEST

MEMBERS OF:

AMERICAN CHEMICAL
SOCIETY

AMERICAN SOCIETY FOR
TESTING MATERIALS

AMERICAN SOCIETY OF
CIVIL ENGINEERS

ASSOCIATION OF ASPHALT
PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Company
P.O. Box 137
Colwich, Kansas

Date: March 31, 1956

Lab. Number: 903825

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 3/30/56 Time: 10:00 AM

Material Tested: A. PORTLAND
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown
Sample Designations:
Materials furnished with Analysis
Certification by Producer.

Mill Test Report No. 37

RESULTS OF TEST

MILL TEST 100

C. TENSION WIRE

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
1	2/8/56	W-7420	Sheffield	4948
2	2/21/56	W-7420	Sheffield	4981
3	2/22/56	W-7420	Sheffield	4948
4	3/14/56	71750	Sheffield	2821

NOTE: The sheet steel on Mill Test Report Sheets No. 1, 2, & 3 were shipped to this plant from Beloit, Wisconsin Lock Joint Plant. Sheet No. 1 was 14 Gage Steel.

The original two copies of these mill test reports were distributed: one to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

2 Lock Joint @ Colwich

CC: Weller

1 Knoll

1 Hess

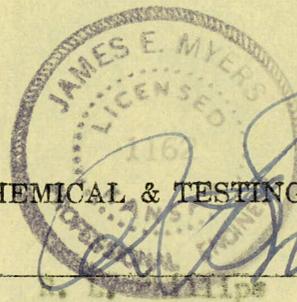
Reference: _____

File: 1

FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____



Wichita CHEMICAL AND TESTING Laboratories

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REPORT OF TEST

MEMBERS OF:
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AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: March 20, 1956

Lab. Number: 903247

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 3/19/56 Time: 1:00 PM

Material Tested: A. PORTLAND CEMENT
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown

Sample Designations:
Materials furnished with Analysis Certification by Producer.

Will Test Report No. 36

RESULTS OF TEST

WILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	Bbls.	Date Shipped	Company	Plant
45	MP 2102	400	3/2/56	Consolidated	Fredonia, Kansas
46	MP 2112	400	3/2/56	Consolidated	Fredonia, Kansas
47	MP 2148	400	3/3/56	Consolidated	Fredonia, Kansas
48	MP 4018	400	3/5/56	Consolidated	Fredonia, Kansas
49	MP 2095	400	3/6/56	Consolidated	Fredonia, Kansas
50	MP 4204	400	3/8/56	Consolidated	Fredonia, Kansas
51	MP 2100	400	3/9/56	Consolidated	Fredonia, Kansas
52	MP 4276	400	3/10/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

No Cylinder Sheet Steel Reports Received.

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	2/29/56	W-646	Sheffield	4980
2	3/1/56	W-646	Sheffield	4994
3	3/1/56	W-646	Sheffield	4994
4	3/2/56	W-646	Sheffield	4994

The original two copies of these will reports were distributed: One to Mr. J. J. Knell and one to Lab. Office. These are available at any time.

CONTRACT EXTENSION

2 Lock Joint @ Colwich

CC: 2 Keller

1 Knell

1 Hess

Reference: _____

1

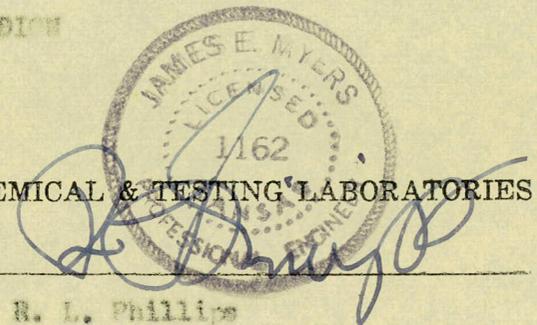
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FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____

R. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

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REPORT OF TEST

MEMBERS OF:
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 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Date: 13 March 1956

Lab. Number: 903136

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 3-9-56 Time: 9:00 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
 Materials furnished with Analysis
 Certification by Producer.

Mill Test Report No. 35

RESULTS OF TEST

Mill Test Log

A. Portland Cement					
Test No.	Car No.	WPLC.	Date Shipped	Company	Plant
41	MP 2122	400	2-24-56	Consolidated	Fredonia, Kansas
41	MP 2102	400	2-24-56	Consolidated	Fredonia, Kansas
42	MP 2062	400	2-25-56	Consolidated	Fredonia, Kansas
43	MP 2024	400	2-27-56	Consolidated	Fredonia, Kansas
44	MP 4204	400	2-28-56	Consolidated	Fredonia, Kansas
45	MP 4092	400	2-1-56	Consolidated	Fredonia, Kansas
B. Cylinder Sheet Steel					
Test No.	Car No.	Heat No.	Company	Mill	
S-1	PRR 363642	318076	Bethlehem	Lackawanna	
C. Tension Wire					
Test No.	Date Shipped	Order No.	Company	Heat No.	
1	2-23-56	W-7420	Sheffield	4984	
2	2-25-56	W-7420	Sheffield	4980	
3	2-27-56	W-7420	Sheffield	4980	
4	2-27-56	W-7420	Sheffield	4980	

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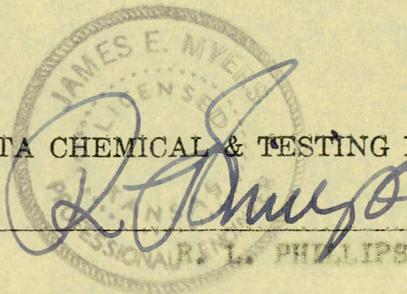
2-Lock Joint @ Colwich
 2-Weller
 1-Knoll
 CC: 1-Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
 FORM 501

By: *J. E. Myers*



Wichita CHEMICAL AND TESTING *Laboratories*
 ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
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 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Date: March 5, 1956

Lab. Number: 902037

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 3/2/56 Time: 9:30 AM

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
 B. CYLINDER SHEET STEEL Sample Designations:
 C. TENSION WIRE Materials Furnished with Analysis
 Certification by Producer

Mill Test Report No. 34

RESULTS OF TEST

MILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	Bbls.	Date Shipped	Company	Plant
39	MP1149	400	2/17/56	Consolidated	Fredonia, Kansas
39	MP2095	400	2/17/56	Consolidated	Fredonia, Kansas
40	MP2241	400	2/20/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

NO CYLINDER SHEET STEEL REPORTS RECEIVED.

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	2/17/56	W-7420	Sheffield	4951
2	2/17/56	W-7420	Sheffield	4951

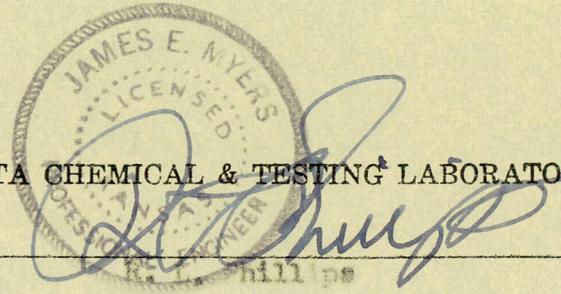
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2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
 FORM 501

By: _____


Wichita CHEMICAL AND TESTING Laboratories

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ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:
Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: February 27, 1956

Lab. Number: 902296
(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 2/24/56 Time: 1:00 PM

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
B. CYLINDER SHEET STEEL Sample Designations:
C. TENSION WIRE Materials Furnished with Analysis Certification by Producer.

Mill Test Report No. 33

RESULTS OF TEST

MILL TEST LOG

A. PORTLAND CEMENT

<u>Test No.</u>	<u>Car No.</u>	<u>Bbls.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
33	MP 2049	400	2/10/56	Consolidated	Fredonia, Kansas
33	MP 2095	400	2/10/56	Consolidated	Fredonia, Kansas
34	MP 2192	400	2/11/56	Consolidated	Fredonia, Kansas
35	MP 2065	400	2/13/56	Consolidated	Fredonia, Kansas
36	MP 4111	400	2/14/56	Consolidated	Fredonia, Kansas
37	MP 4121	400	2/15/56	Consolidated	Fredonia, Kansas
38	MP 4164	400	2/16/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

No Cylinder Sheet Steel Reports Received.

C. TENSION WIRE

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
1	2/9/56	W-7420	Sheffield	4951
2	2/10/56	W-7420	Sheffield	4951

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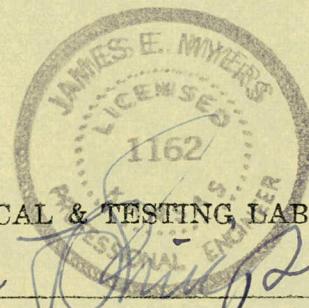
2 Lock Joint @ Colwich
2 Weller
CC: 1 Knoll
1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
FORM 501

By: R. L. Phillips
R. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

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MEMBERS OF:
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 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
Box 137
Colwich, Kansas

Date: February 20, 1956

Lab. Number: 902210

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 2/17/56 Time: 9:00 AM

Material Tested: A. CONCRETE SAND No. of Samples: As Shown
 B. CYLINDER SHEET STEEL Sample Designations:
 C. TENSION WIRE Materials Furnished with Analysis
 Certification by Producer.

Mill Test Report No. 32

RESULTS OF TEST MILL TEST LOG

A. PORTLAND CEMENT

<u>Test No.</u>	<u>Car No.</u>	<u>Wt.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
31	MP-2215	400	1/31/56	Consolidated	Fredonia, Kansas
32	MP-4217	400	2/1/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

No Cylinder Sheet Steel Reports Received.

C. TENSION WIRE

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
1	1/28/56	W-7420	Sheffield	4947
2	1/31/56	W-7420	Sheffield	4947
3	1/31/56	W-7420	Sheffield	4947

The original two copies of these mill test reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

CC: 2 Lock Joint @ Colwich
 1 Weller
 1 Knoll
 1 Hess
 Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____


J. E. Myers
 J. E. Myers

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
MANAGER
W. H. CAMPEN
J. R. SMITH
J. J. REMAR
ASSOCIATES
LICENSED PROFESSIONAL
ENGINEERS

REPORT OF TEST

MEMBERS OF:
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: February 10, 1956

Lab. Number: 902112

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 2/9/56 Time: 1:00 P.M.

Material Tested: A. PORTLAND CEMENT
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown
Sample Designations:
Material Furnished With Analysis Certification by Producer.

Mill Test Report No. 31

RESULTS OF TEST

MILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	BLS.	Date Shipped	Company	Plant
26	MP 2046	400	1/25/56	Consolidated	Fredonia, Kansas
27	MP 2179	400	1/26/56	Consolidated	Fredonia, Kansas
28	MP 2048	400	1/27/56	Consolidated	Fredonia, Kansas
29	MP 2190	400	1/28/56	Consolidated	Fredonia, Kansas
30	MP 2205	400	1/30/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

No Cylinder sheet steel reports received.

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No
1	1/25/56	W-7420	Sheffield	4949
2	1/26/56	W-7420	Sheffield	4947

The original two copies of these mill test reports were distributed: One to Mr. J.J. Knoll and one to Lab. Office. These are available at any time.

2 Lock Joint @ Colwich
2 Keller
CC:1 Knoll
1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
FORM 501

By: _____

R. L. Phillips
R. L. Phillips

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
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 ASSOCIATES
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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: February 6, 1956

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 902051

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector

Date Received At Lab.: 2/3/56

Time: 10:30 A.M.

Material Tested: A. PORTLAND CEMENT
 B. CYLINDER SHEET STEEL
 C. TENSION WIRE

No. of Samples: As Shown
 Sample Designations:
 Materials Furnished With Analysis
 Certification by Producer.

Will Test Report No. 30

RESULTS OF TEST

WILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	BELs.	Date Shipped	Company	Plant
22	MP 2189	400	1/16/56	Consolidated	Fredonia, Kansas
23	MP 2011	400	1/18/56	Consolidated	Fredonia, Kansas
24	MP 2077	400	1/19/56	Consolidated	Fredonia, Kansas
25	M P2032	400	1/20/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

No Cylinder Sheet Steel Reports Received

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	1/12/56	W-7420	Sheffield	5712
2	1/13/56	W-7420	Sheffield	5712
3	1/14/56	W-7420	Sheffield	5712
4	1/17/56	W-7420	Sheffield	2737
5	1/23/56	W-7420	Sheffield	2737

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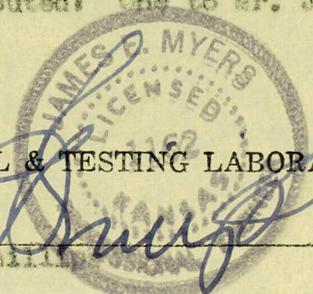
CC:
 2 Lock Joint
 2 Veller
 1 Knoll

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
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 ASSOCIATES

LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:

- AMERICAN CHEMICAL SOCIETY
- AMERICAN SOCIETY FOR TESTING MATERIALS
- AMERICAN SOCIETY OF CIVIL ENGINEERS
- ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: January 30, 1956

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 901292

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: January 27, 1956 Time: 9:00 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
Materials furnished with analysis certification by Producer.

Will Test Report No. 29

RESULTS OF TEST

WILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	BBLS	Date Shipped	Company	Plant
16	MP 2118	400	1/6/56	Consolidated	Fredonia, Kansas
16	MP 4164	400	1/6/56	Consolidated	Fredonia, Kansas
17	MP 2065	400	1/7/56	Consolidated	Fredonia, Kansas
18	MP 4062	400	1/11/56	Consolidated	Fredonia, Kansas
19	MP 2116	400	1/12/56	Consolidated	Fredonia, Kansas
20	MP 4019	400	1/13/56	Consolidated	Fredonia, Kansas
20	MP 4178	400	1/13/56	Consolidated	Fredonia, Kansas
21	MP 4099	400	1/14/56	Consolidated	Fredonia, Kansas

B. CYLINDER SHEET STEEL

Test No.	Car No.	Heat No's.	Company	Mill
8-1	RJ&S 34253-0	397742	U.S. Steel	Gary
		397737		
		317789		
8-2	PRR 378599-0	397737	U.S. Steel	Gary
		317789		
		579742		
8-3	PRR 372246-0	397737	U.S. Steel	Gary
		317789		
		579742		

2 Lock Joint @ Colwich
 CC: 2 Keller
 1 Knoll
 1 Hess

Reference: _____

File: 1
 FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: [Signature]

R. L. Phillips

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

- - - Page 2 - - -

Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Lab. No. 901292

Mill Test Log - Continued

B. CYLINDER SHEET STEEL (Cont'd.)

<u>Test No.</u>	<u>Car No.</u>	<u>Heat No's.</u>	<u>Company</u>	<u>Mill</u>
S-4	NY 1623-0	397737 579742 337825	U.S. Steel	Gary
S-5	HJ&E 3501A	337825	U.S. Steel	Gary
S-6	PRR 375954	317789 397737 579742	U.S. Steel	Gary
S-7	HJ&E 35911	337825	U.S. Steel	Gary

C. TENSION WIRE

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
1	12/30/55	W-7420	Sheffield	5677
2	12/31/55	W-7420	Sheffield	5677
3	12/31/55	W-7420	Sheffield	5677
4	1/5/56	W-7420	Sheffield	5711
5	1/6/56	W-7420	Sheffield	5711
6	1/7/56	W-7420	Sheffield	5711
7	1/12/56	W-7420	Sheffield	5712

The original two copies of these mill reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

WICHITA CHEMICAL & TESTING LABORATORIES

R. L. Phillips



- 2 Lock Joint @ Colwich
- 2 Weller
- 1 Knoll
- 1 Hess
- 1 File

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES

LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Date: January 23, 1956

Lab. Number: 901231
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 1/20/56 Time: 9:30 AM

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
 B. CYLINDER SHEET STEEL Sample Designations:
 C. TENSION WIRE Materials furnished with Analysis Certification by Producer.

Mill Test Report No. 28

RESULTS OF TEST

A. Portland Cement

Test No.	Car No.	BB'S.	Date Shipped	Company	Plant
11	MP 4280	400	12/30/55	Consolidated	Fredonia, Kansas
12	MP 4754	400	12/30/55	Consolidated	Fredonia, Kansas
13	MP 4136	400	12/31/55	Consolidated	Fredonia, Kansas
14	MP 4188	400	12/31/55	Consolidated	Fredonia, Kansas
15	MP 4244	400	1/3/56	Consolidated	Fredonia, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received.

C. Tension Wire

No Tension Wire Reports Received.

The original two copies of these mill test reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 CC: 1 Hess

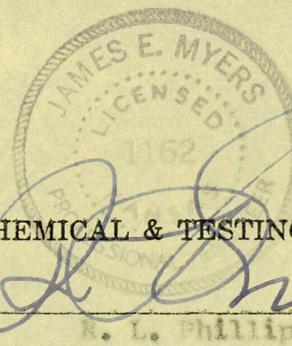
Reference: _____

File: 1

FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: [Signature]
 K. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
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J. J. REMAR
ASSOCIATES
LICENSED PROFESSIONAL
ENGINEERS

REPORT OF TEST

MEMBERS OF:
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: January 13, 1956

Leak Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Lab. Number: 901155
(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 1/13/56 Time: 10:00 A.M.

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
B. CYLINDER SHEET STEEL Sample Designations:
C. TENSION WIRE Materials Furnished With Analysis Certification by Producer.

Will Test Report No. 27

RESULTS OF TEST

MILL TEST LOG

A. Portland Cement

Test No.	Car No.	BBLS.	Date Shipped	Company	Plant
8	MP 4537	400	12/27/55	Consolidated	Fredonia, Kans.
9	MP 2116	400	12/28/55	Consolidated	Fredonia, Kans.
10	MP 2097	400	12/29/55	Consolidated	Fredonia, Kans.

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received.

C. Tension Wire

Test No.	Date Shipped	Order No.	Company	Heat No.
1	12/12/55	W-7420	Sheffield	4865
2	12/12/55	W-7420	Sheffield	5677
3	12/15/55	W-7420	Sheffield	1310
4	12/16/55	W-7420	Sheffield	1310
5	12/19/55	W-7420	Sheffield	1310
6	12/20/55	W-7420	Sheffield	1310
7	12/22/55	W-7420	Sheffield	1310

The original two copies of these mill test reports were distributed: One to W. J.J. Knoll and 1 to Lab. Office. These are available at any time.

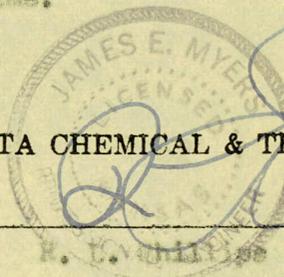
CC: 2 Leak Joint & Colwich
2 Weller
1 Knoll
1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
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 ASSOCIATES
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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: January 9, 1956

Leak Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 901069

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 1/6/56 Time: 10:00 A.M.

Material Tested: A. Portland Cement No. of Samples: As Shown
 B. Cylinder Sheet Steel Sample Designations:
 C. Tension Wire Material furnished with Analysis Certification by Producer.

Will Test Report No. 26

RESULTS OF TEST

MILL TEST LOG

A. Portland Cement

Test No.	Car No.	Date Shipped	Company	Plant
49	MKT 34078	12/13/55	Monarch	Humboldt, Kansas
50	MKT 34234	12/14/55	Monarch	Humboldt, Kansas
51	MKT 40892	12/15/55	Monarch	Humboldt, Kansas
1	MP 2057	12/17/55	Consolidated	Fredonia, Kansas
2	MP 2112	12/19/55	Consolidated	Fredonia, Kansas
3	MP 2048	12/20/55	Consolidated	Fredonia, Kansas
4	MP 2205	12/21/55	Consolidated	Fredonia, Kansas
5	MP 2009	12/22/55	Consolidated	Fredonia, Kansas
6	MP 4080	12/23/55	Consolidated	Fredonia, Kansas
7	MP 2080	12/24/55	Consolidated	Fredonia, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received.

C. Tension Wire

No Tension Wire Reports Received.

The original two copies of these Mill Test Reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

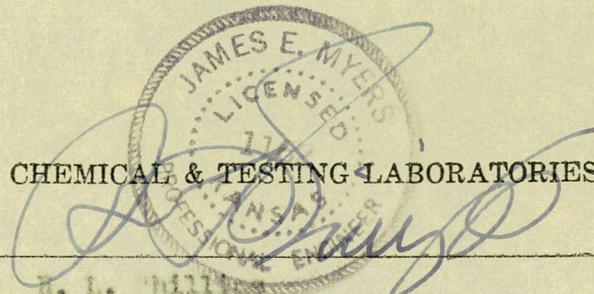
2 Leak Joint Colwich
 2 Weller
 1 Knoll
 1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
 FORM 501

By: _____



Wichita CHEMICAL AND TESTING *Laboratories*
 ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
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 ASSOCIATES
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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:
 Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Date: December 23, 1955

Lab. Number: 812291

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 12/22/55 Time: 1:30 P.M.

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
 B. CYLINDER SHEET STEEL Sample Designations:
 C. TENSION WIRE Materials Furnished with Analysis
 Certification by Producer.

Mill Test Report No. 25

RESULTS OF TEST

MILL TEST LOG

A. PORTLAND CEMENT					
Test No.	Car No.	Date Shipped	Company	Plant	
47	MKT 34239	12/10/55	Monarch	Humboldt, Kansas	
48	MKT 40841	12/12/55	Monarch	Humboldt, Kansas	

B. CYLINDER SHEET STEEL
 No Cylinder Sheet Steel Reports Received.

C. TENSION WIRE					
Test No.	Date Shipped	Order No.	Com. BY	Heat No.	
1	11/28/55	W-7420	Sheffield	1188	
2	12/1/55	W-7420	Sheffield	4778	
3	12/5/55	W-7420	Sheffield	4777	
4	12/7/55	W-7420	Sheffield	4865	

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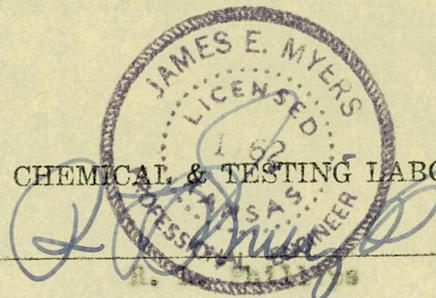
2 Lock Joint @ Colwich
 CC: 2 Weller
 1 Knoll
 1 Hess

Reference: _____

File: 1
 FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
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 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: December 20, 1955

Lab. Number: 812220

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 12/16/55 Time: 9:00 AM

Material Tested: A. Portland Cement No. of Samples: As Shown
 B. Cylinder Sheet Steel Sample Designations:
 C. Tension Wire Materials Furnished with Analysis Certification by Producer

Mill Test Report No. 24

RESULTS OF TEST

MILL TEST LOG

A. PORTLAND CEMENT

Test No.	Car No.	Date Shipped	Company	Plant
38	MKT 40892	11/30/55	Monarch	Humboldt, Kansas
39	MKT 40927	12/1/55	Monarch	Humboldt, Kansas
40	MKT 40932	12/2/55	Monarch	Humboldt, Kansas
40	MKT 34222	12/2/55	Monarch	Humboldt, Kansas
41	MKT 40888	12/3/55	Monarch	Humboldt, Kansas
42	MKT 40860	12/5/55	Monarch	Humboldt, Kansas
43	MKT 34270	12/6/55	Monarch	Humboldt, Kansas
44	MKT 34227	12/7/55	Monarch	Humboldt, Kansas
45	MKT 34215	12/8/55	Monarch	Humboldt, Kansas
46	MKT 40877	12/9/55	Monarch	Humboldt, Kansas
46	MKT 34231	12/9/55	Monarch	Humboldt, Kansas

B. CYLINDER SHEET STEEL

No cylinder sheet steel reports received.

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	11/29/55	W-7420	Sheffield	1188

The original two copies of these mill test reports were distributed: One to Mr. J.J. Knoll and one to Lab. Office. These are available at any time.

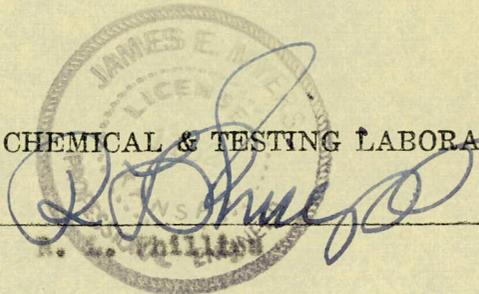
2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
 FORM 501

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
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J. J. REMAR
ASSOCIATES
LICENSED PROFESSIONAL
ENGINEERS

REPORT OF TEST

MEMBERS OF:
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: December 12, 1955

Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Lab. Number: 812126

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 12/9/55 Time: 9:00 A.M.

Material Tested: A. Portland Cement
B. Cylinder Sheet Steel
C. Tension Wire

No. of Samples: As Shown
Sample Designations:
Materials furnished with analysis certification
by Producer.

Mill Test Report No. 23

RESULTS OF TEST

MILL TEST LOG

A. Portland Cement

<u>Test No.</u>	<u>Car No.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
36	MKT 34263	11/25/55	Monarch	Humboldt, Kansas
37	MKT 34234	11/26/55	Monarch	Humboldt, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received.

C. Tension Wire

No Tension Wire Reports Received.

The original two copies of these mill test reports were distributed: One to Mr. J.J. Knoll and one to Lab. Office. These are available at any time.

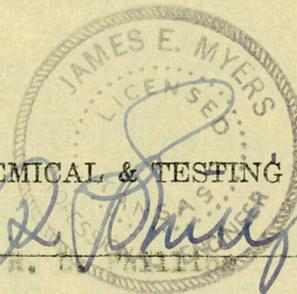
CC: 2 Lock Joint - Colwich
2 Keller
1 Knoll
1 Heer

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: December 5, 1955

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 812038

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector

Date Received At Lab.: 12/2/55

Time: 9:30 A.M.

Material Tested: A. PORTLAND CEMENT
 B. CYLINDER SHEET STEEL
 C. TENSION WIRE

No. of Samples: As Shown

Sample Designations:

Materials furnished with analysis Certification by Producer.

Will Test Report No. 22

RESULTS OF TEST

A. PORTLAND CEMENT

Test No.	Car No.	Date Shipped	Company	Plant
29	MKT 40931	11/14/55	Monarch	Humboldt, Kansas
30	MKT 34033	11/15/55	Monarch	Humboldt, Kansas
31	MKT 34224	11/16/55	Monarch	Humboldt, Kansas
32	MKT 34202	11/17/55	Monarch	Humboldt, Kansas
33	MKT 34055	11/18/55	Monarch	Humboldt, Kansas
33	MKT 40878	11/18/55	Monarch	Humboldt, Kansas
34	MKT 34225	11/19/55	Monarch	Humboldt, Kansas
35	MKT 34213	11/21/55	Monarch	Humboldt, Kansas

B. CYLINDER SHEET STEEL

Test No.	Car No.	Heat No.'s.	Company	Mill
S-1	009240	579742 637158	U. S. Steel	Gary
S-2	NYC643526	579742	U. S. Steel	Gary

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
1	11/10/55	W-7420	Sheffield	4777
2	11/14/55	W-7420	Sheffield	4777
3	11/15/55	W-7420	Sheffield	4777
4	11/16/55	W-7420	Sheffield	4777
5	11/18/55	W-7420	Sheffield	4778
6	11/19/55	W-7420	Sheffield	4778
7	11/21/55	W-7420	Sheffield	1188
8	11/21/55	W-7420	Sheffield	1188
9	11/22/55	W-7420	Sheffield	1188

CC:

The Original two copies of these mill test reports were distributed: one to Mr. J. J. Knoll

Reference: to Lab. office,

WICHITA CHEMICAL & TESTING LABORATORIES

2 Lock Joint Colwich

File: eller

By: J. E. Myers

FORM 5011 1 Base

H. L. Phillips

File 1

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: November 25, 1955

Lab. Number: 811362

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: November 23 Time: 10:00 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
Materials Furnished With Analysis
Certification By Producer.

Weekly Mill Test Report No. 21

RESULTS OF TEST

MILL TEST LOG

A. Portland Cement

Test No.	Car No.	Date Shipped	Company	Plant
23	MKT 34259	11/7/55	Monarch	Humboldt, Kansas
24	MKT 34071	11/8/55	Monarch	Humboldt, Kansas
25	MP 2176	11/9/55	Monarch	Humboldt, Kansas
26	MKT 40837	11/10/55	Monarch	Humboldt, Kansas
27	MKT 34260	11/11/55	Monarch	Humboldt, Kansas
27	MKT 34086	11/11/55	Monarch	Humboldt, Kansas
28	MKT 40836	11/12/55	Monarch	Humboldt, Kansas

B. Cylinder Sheet Steel

Test No.	Car No.	Heat No.'s.	Company	Mill
8-1	PRV 76950	637158	U. S. Steel	Gary
		747438		
		817025		
8-2	PRR 358576	637158	U. S. Steel	Gary
		747438		
		817025		
8-3	RDG 25363	637158	U. S. Steel	Gary
		747438		
		817025		
8-4	PLK 40585	637158	U. S. Steel	Gary
		747438		
		817025		
8-5	EJAB 34095	637158	U. S. Steel	Gary
		747438		
		817025		
8-6	EPAS 34005	637158	U. S. Steel	Gary
		747438		
		817025		

CC:

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File:

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
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 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 127
Colwich, Kansas

Date: November 25, 1955

Lab. Number: 611362

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: November 23 Time: 10:00 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
Materials Furnished With Analysis
Certification By Producer

Weekly Mill Test Report No. 21 (Cont'd)

RESULTS OF TEST

C. Tension Wire

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
1	10/27/55	W-7420	Sheffield	2517
2	10/28/55	W-7420	Sheffield	4761
3	10/31/55	W-7420	Sheffield	2517
4	10/31/55	W-7420	Sheffield	2517
5	11/2/55	W-7420	Sheffield	1845
6	11/4/55	W-7420	Sheffield	1845

 The original two copies of these mill test reports were distributed: One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time.

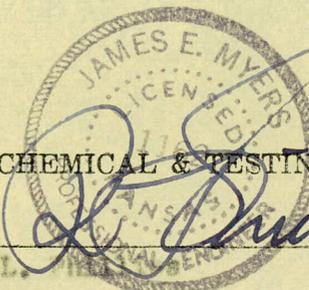
2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 CC: 1 Hess

Reference: _____

File: 1
 FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: *J. E. Myers*
 R. L. _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
MANAGER

W. H. CAMPEN
J. R. SMITH
J. J. REMAR
ASSOCIATES

LICENSED PROFESSIONAL
ENGINEERS

REPORT OF TEST

MEMBERS OF:

AMERICAN CHEMICAL
SOCIETY

AMERICAN SOCIETY FOR
TESTING MATERIALS

AMERICAN SOCIETY OF
CIVIL ENGINEERS

ASSOCIATION OF ASPHALT
PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: November 14, 1955

Lab. Number: 811187

(REFER TO THIS NUMBER)

Submitted By: Lab. Insp. Date Received At Lab.: November 11, 1955 Time: 9:30 A.M.

Material Tested: A. Portland Cement No. of Samples: As Shown
E. Cylinder Sheet Steel Sample Designations:
C. Tension Wire Materials Furnished With Analysis
Certification By Producer

Weekly Mill Test Report No. 20

RESULTS OF TEST MILL TEST LOG

A. Portland Cement

Test No.	Car No.	Date Shipped	Company	Plant
11	MKT 40902	10-24-55	Monarch	Humboldt, Kansas
12	MKT 34218	10-25-55	Monarch	Humboldt, Kansas
13	MKT 34214	10-26-55	Monarch	Humboldt, Kansas
14	ATSP 181699	10-27-55	Monarch	Humboldt, Kansas
15	MKT 34212	10-28-55	Monarch	Humboldt, Kansas
15	MKT 34034	10-28-55	Monarch	Humboldt, Kansas
16	ATSP 87030	10-29-55	Monarch	Humboldt, Kansas
17	MKT 34238	10-31-55	Monarch	Humboldt, Kansas
18	MKT 40919	11-1-55	Monarch	Humboldt, Kansas
19	MKT 34267	11-2-55	Monarch	Humboldt, Kansas
20	MKT 34224	11-3-55	Monarch	Humboldt, Kansas
21	MKT 34078	11-4-55	Monarch	Humboldt, Kansas
21	MKT 40974	11-4-55	Monarch	Humboldt, Kansas
22	MKT 40841	11-5-55	Monarch	Humboldt, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received

C. Tension Wire

Test No.	Date Shipped	Order No.	Company	Heat No.
1	10-20-55	W-7420	Sheffield Steel	1109
2	10-22-55	W-7420	Sheffield Steel	2517
3	10-25-55	W-7420	Sheffield Steel	2517
4	10-27-55	W-7420	Sheffield Steel	4761

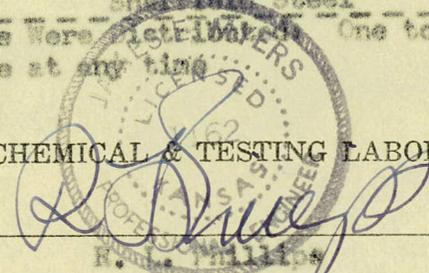
CC: The Original Two Copies of These Mill Test Reports Were Distributed One to Mr. J. J. Knoll and one to Lab. Office. These are available at any time
2 Lock Joint @ Colwich
2 Keller

Reference: _____
1 Knoll
1 Nees

File: 1

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: November 8, 1955

Lab. Number: 811072
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 11-4-55 Time: 10:00 A.M.

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
 B. CYLINDER SHEET STEEL Sample Designations:
 C. TENSION WIRE Materials Furnished with Analysis Certification by Producer.

Weekly Mill Test Report No. 19

RESULTS OF TEST

MILL REPORT LOG

A. Portland Cement

Test No.	Car No.	Date Shipped	Company	Plant
8	MKT 34037	Oct. 19, 1955	Monarch	Humboldt, Kansas
9	MKT 34223	Oct. 20, 1955	Monarch	Humboldt, Kansas
10	WTSP 182397	Oct. 22, 1955	Monarch	Humboldt, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received

C. Tension Wire

Test No.	Date Shipped	Order No.	Company	Heat No.
1	10-10-55	W-7420	Sheffield	3500
2	10-11-55	W-7420	Sheffield	1109
3	10-14-55	W-7420	Sheffield	1109
4	10-17-55	W-7420	Sheffield	1109

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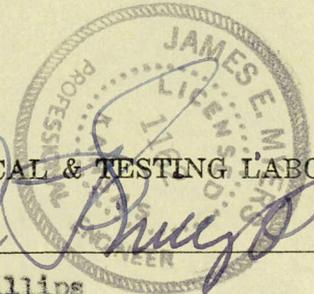
2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 1 Hess

CC:

Reference: _____

File: 1
 FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: R. L. Phillips


Wichita CHEMICAL AND TESTING *Laboratories*
 ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
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 J. J. REMAR
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 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: October 31, 1955

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 810364

(REFER TO THIS NUMBER)

Submitted By: Lab Inspector

Date Received At Lab.: 10-28-55

Time: 10:00AM

Material Tested:

- A. Portland Cement
- B. Cylinder Sheet Steel
- C. Tension Wire

No. of Samples: As Shown

Sample Designations:
Materials Furnished with analysis certification by producer.

Weekly Mill Test Report No. 18

RESULTS OF TEST

A. PORTLAND CEMENT

MILL REPORT LOG

Test No.	Car No.	Date Shipped	Company	Plant
1	MKT 34216	10-7-55	Monarch	Humboldt, Kansas
1	MKT 34223	10-7-55	Monarch	Humboldt, Kansas
2	MKT 40859	10-8-55	Monarch	Humboldt, Kansas
3	MKT 40931	10-13-55	Monarch	Humboldt, Kansas
4	MKT 34022	10-14-55	Monarch	Humboldt, Kansas
4	MKT 34237	10-14-55	Monarch	Humboldt, Kansas
5	ATSP 182489	10-15-55	Monarch	Humboldt, Kansas
6	MKT 34215	10-17-55	Monarch	Humboldt, Kansas
7	MKT 34201	10-18-55	Monarch	Humboldt, Kansas

B. CYLINDER SHEET STEEL

No cylinder sheet steel reports received.

C. TENSION WIRE

No tension wire reports received.

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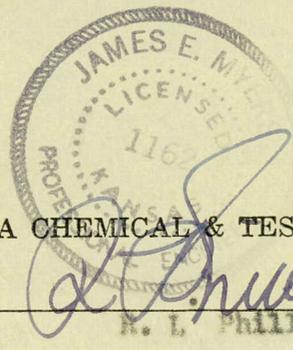
CC: 2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING LABORATORIES
 ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for:

Date: October 24, 1955

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 810262
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 10-21-55 Time: 9:30 A.M.

Material Tested:

No. of Samples: As Shown
 Sample Designations:
Materials furnished with analysis certification by producer.

- A. Portland Cement
- B. Cylinder Sheet Steel
- C. Tension Wire

Weekly Mill Test Report No. 17

RESULTS OF TEST
MILL REPORT LOG

A. Portland Cement

Test No.	Car No.	BBLs.	Date Shipped	Company	Plant
58-12	MP4173	386.17	9-24-55	Lehigh	Iola, Kansas
50-14	MP2046	396.01	9-27-55	Lehigh	Iola, Kansas
51-4	MP4289	389.10	9-28-55	Lehigh	Iola, Kansas
52-13	MP4275	378.99	9-29-55	Lehigh	Iola, Kansas
52-13	MP4187	393.09	9-30-55	Lehigh	Iola, Kansas
52-13	MP2113	398.14	9-30-55	Lehigh	Iola, Kansas
53-13	MP2139	390.43	10-1-55	Lehigh	Iola, Kansas
53-13	MP4214	384.31	10-3-55	Lehigh	Iola, Kansas
54-13	MP4277	393.35	10-4-55	Lehigh	Iola, Kansas
55-13	MP2295	409.04	10-5-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received.

C. Tension Wire

Test No.	Date Shipped	Order No.	Company	Heat No.
T-1	9-29-55	W-7420	Sheffield	5031
T-2	9-30-55	W-7420	Sheffield	5031
T-3	10-4-55	W-7420	Sheffield	3500

The original two copies of these mill reports were distributed: One to Mr. J. J. Knoll and one to Lab. office. These are available at any time.

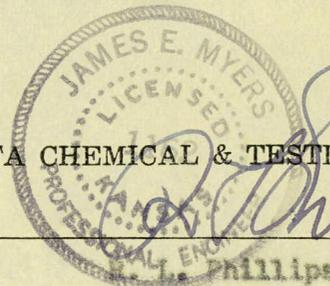
2 Lock Joint @ Colwich
 CC: 2 Weller
 1 Knoll
 1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING *Laboratories*
 ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER

W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES

LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:

AMERICAN CHEMICAL
 SOCIETY

AMERICAN SOCIETY FOR
 TESTING MATERIALS

AMERICAN SOCIETY OF
 CIVIL ENGINEERS

ASSOCIATION OF ASPHALT
 PAVING TECHNOLOGISTS

Test Made for:

Date: October 19, 1955

Lock Joint Pipe Co.
 P.O. Box 137
 Colwich, Kansas

Lab. Number: 810175

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 10-14-55 Time: 9:30 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: AS SHOWN
 Sample Designations:
 Materials Furnished with Analysis
 Certification By Producer

Weekly Mill Test Report No. 16

RESULTS OF TEST
MILL REPORT LOG

A. PORTLAND CEMENT

Test No.	Car No.	BBLs.	Date Shipped	Company	Plant
53-12	MP2189	397.07	9-17-55	Lehigh	Iola, Kansas
54-12	MP2040	396.54	9-19-55	Lehigh	Iola, Kansas
57-12	MP2199	401.33	9-23-55	Lehigh	Iola, Kansas
57-12	MP2066	396.54	9-23-55	Lehigh	Iola, Kansas

B. CYLINDER SHEET STEEL:

No Cylinder Sheet Steel Reports Received.

C. TENSION WIRE

Test No.	Date Shipped	Order No.	Company	Heat No.
T-1	9-22-55	W-7420	Sheffield	5031
T-2	9-26-55	W-7420	Sheffield	5031
T-3	9-27-55	W-7420	Sheffield	5031

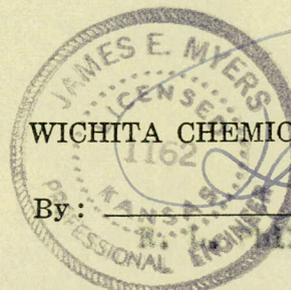
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2 Lock Joint @ Colwich
 2 Weller
 1 Knoll
 CC: 1 Hess

Reference: _____

File: _____

FORM 501



WICHITA CHEMICAL & TESTING LABORATORIES

By: [Signature]

Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: October 10, 1955

Lab. Number: 810067

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 10-7-55 Time: 10:00 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
Materials furnished with Analysis
Certification By Producer

Weekly Mill Test Report No. 15

RESULTS OF TEST WILL REPORT LOG

A. Portland Cement

Test No.	Car No.	BBL'S.	Date Shipped	Company	Plant
51-13	MP2215	376.60	9-15-55	Lehigh	Iola, Kansas
52-12	MP2235	390.43	9-16-55	Lehigh	Iola, Kansas
52-12	MP4251	382.17	9-16-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel

Test No.	Car No.	Heat No's	Company	Date
S-1	PRR366034	73-S-501	U.S. Steel	Sept. 15, 1955
S-2	PRR364729	73-S-501	U.S. Steel	Sept. 15, 1955
S-3	PAR 346597	73-S-508	U.S. Steel	Sept. 20, 1955
		73-S-501		
S-4	PMCK&Y91232	73-S-508	U.S. Steel	Sept. 20, 1955
S-5	Southern288161	73-S-508	U.S. Steel	Sept. 20, 1955
S-6	Southern54763	73-S-449	U.S. Steel	Sept. 23, 1955
S-7	PRR315683	73-S-449	U. S. Steel	Sept. 23, 1955
S-8	PRR315683	73-S-501	U. S. Steel	Sept. 23, 1955
S-9	PMCK&Y92202	73-S-508	U.S. Steel	Sept. 23, 1955
		73-S-508		

2 Lock Joint t @ Colwich
 2 Weller
 1 Knoll
 1 Hess

CC:

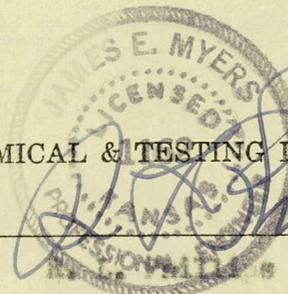
Page 1 of 2

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
MANAGER
W. H. CAMPEN
J. R. SMITH
J. J. REMAR
ASSOCIATES
LICENSED PROFESSIONAL ENGINEERS

REPORT OF TEST

MEMBERS OF:
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: October 10, 1955

Lab. Number: 810067

(REFER TO THIS NUMBER)

Submitted By: Lab Inspector Date Received At Lab.: 10-7-55 Time: 10:00 A.M.

Material Tested: A. PORTLAND CEMENT
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown
Sample Designations:
Materials Furnished with Analysis Certification by Producer

Weekly Mill Test Report No. 15

RESULTS OF TEST

MILL REPORT LOG

C. Tension Wire

Table with 5 columns: Test No., Date Shipped, Order No., Company, Heat No.
Rows: T-1 (9-9-55, W-7420, Sheffield, 1885), T-2 (9-14-55, W7420, Sheffield, 1885), T-3 (9-19-55, W-7420, Sheffield, 1885)

The original two copies of these mill reports were distributed: One to Mr. J. J. Knoll and one to Lab Office. These are available at any time.

Page 2 of 2

CC: 2 Lock Joint @ Colwich
2 Weller
1 Knoll
1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
MANAGER
W. H. CAMPEN
J. R. SMITH
J. J. REMAR
ASSOCIATES
LICENSED PROFESSIONAL ENGINEERS

REPORT OF TEST

MEMBERS OF:
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: October 3, 1955

Lab. Number: 809459

(REFER TO THIS NUMBER)

Submitted By: Lab Inspector Date Received At Lab.: 9-30-55 Time: 10:00 AM

Material Tested: A. Portland Cement No. of Samples: AS SHOWN
B. Cylinder Sheet Steel Sample Designations:
C. Tension Wire Materials Furnished With Analysis
Certification By Producer

Weekly Mill Test Report No. 14

RESULTS OF TEST

MILL REPORT LOG

A. Portland Cement

No Cement Mill Test Reports Received.

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received

C. Tension Wire

Table with 5 columns: Test No., Date Shipped, Order No., Company, Heat No. Row 1: T-1, 8-25-55, W-7420, Sheffield Steel, 4532

The original two copies of these mill reports were distributed: One to Mr. J. J. Knoll and one to lab office. These Are Available at any time.

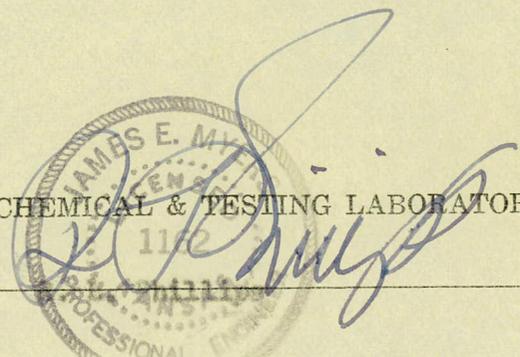
2 Lock Joint @ Colwich
2 Weller
1 Knoll
1 Hess
CC:

Reference: A.S.T.M. C-67

File: 1

WICHITA CHEMICAL & TESTING LABORATORIES

By: [Signature]



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

J. E. MYERS
MANAGER
W. H. CAMPEN
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J. J. REMAR
ASSOCIATES

LICENSED PROFESSIONAL
ENGINEERS

REPORT OF TEST

MEMBERS OF:

AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: September 26, 1955

Lab. Number: 809373

(REFER TO THIS NUMBER)

Submitted By: Lab Inspector Date Received At Lab.: 9-23-55 Time: 10:00 AM

Material Tested: A. PORTLAND CEMENT
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: AS Shown
Sample Designations:
Materials furnished with analysis certification by producer

WEEKLY MILL TEST REPORT NO. 13

RESULTS OF TEST

(MILL REPORT LOG)

A. Portland Cement

<u>Test No.</u>	<u>Car No.</u>	<u>BBLs.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
56-11	MP2100	396.81	9-6-55	Lehigh	Iola, Kansas
57-11	MP4277	399.73	9-7-55	Lehigh	Iola, Kansas
58-11	MP94897	158-In Sacks	9-9-55	Lehigh	Iola, Kansas
58-11	MP2032	399.73	9-8-55	Lehigh	Iola, Kansas
58-11	MP2210	409.84	9-9-55	Lehigh	Iola, Kansas
58-11	MP4039	404.79	9-10-55	Lehigh	Iola, Kansas
58-11	MP2129	409.31	9-12-55	Lehigh	Iola, Kansas
59-11	MP4117	395.48	9-13-55	Lehigh	Iola, Kansas
59-11	MP2009	384.84	9-14-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel

No Cylinder Sheet Steel Reports Received.

C. Tension Wire

No Tension Wire Reports Received.

The original two copies of these mill reports were distributed: One to Mr. J.J. Knoll and one to Lab office. These are available at any time.

2 Lock Joint @ Colwich
2 Weller
1 Knoll
1 Hees

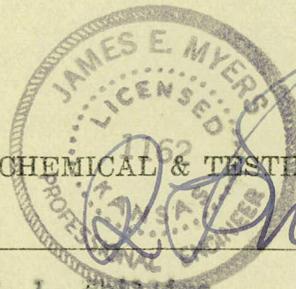
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Reference: _____

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By: _____



Wichita CHEMICAL AND TESTING Laboratories

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J. E. MYERS
 MANAGER

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 J. R. SMITH
 J. J. REMAR
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LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:

AMERICAN CHEMICAL
 SOCIETY

AMERICAN SOCIETY FOR
 TESTING MATERIALS

AMERICAN SOCIETY OF
 CIVIL ENGINEERS

ASSOCIATION OF ASPHALT
 PAVING TECHNOLOGISTS

Test Made for: **Lock Joint Pipe Co.**
P. O. Box 137
Colwich, Kansas

Date: September 20, 1955

Lab. Number: 809268

(REFER TO THIS NUMBER)

Submitted By: Lab Inspector Date Received At Lab.: 9-16-55 Time: 10:00 AM

Material Tested: A. **Portland Cement**
 B. **Cylinder Sheet Steel**
 C. **Tension Wire**

No. of Samples: **As Shown**
 Sample Designations:
**Materials Furnished With Analysis
 Certification By Producer.**

Weekly Mill Test Report No. 12

RESULTS OF TEST MILL REPORT 100

A. Portland Cement

Test No.	Car No.	SELS.	Date Shipped	Company	Plant
59-8	MP2105	385.90	7-15-55	Lehigh	Iola, Kansas
59-8	MP2097	401.49	7-16-55	L. Lehigh	Iola, Kansas
54-11	MP4025	397.61	8-29-55	Lehigh	Iola, Kansas
54-11	MP2112	408.24	8-30-55	Lehigh	Iola, Kansas
55-11	MP2226	386.17	8-31-55	Lehigh	Iola, Kansas
55-11	MP2057	395.21	9-1-55	Lehigh	Iola, Kansas
55-11	MP4223	391.22	9-2-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel

No cylinder sheet steel reports received

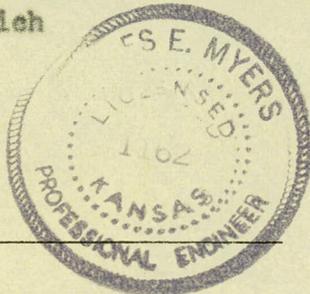
C. Tension Wire

Test No.	Date Shipped	Order No.	Company	Heat No.
T-1	8-22-55	W-7420	Sheffield Steel	4532
T-2	8-23-55	W-7420	Sheffield Steel	4532

The original two copies of these mill reports were distributed: One to Mr. J. J. Knoll and one to Lab office. These are available at any time.

- 2 Lock Joint @ Colwich
- 2 Weller
- 1 Knoll
- 1 Hess

CC:



Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1
 FORM 501

By: R. L. Phillips

Wichita CHEMICAL AND TESTING *Laboratories*
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 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
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LICENSED PROFESSIONAL
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REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: September 12, 1955

Lab. Number: 809148
 (REFER TO THIS NUMBER)

Submitted By: Lab Inspector Date Received At Lab.: 9-9-55 Time: 9:30 AM

Material Tested: A. Portland Cement No. of Samples: As Shown
 B. Cylinder Sheet Steel Sample Designations:
 C. Tension Wire Materials Furnished With Analysis
 Certification by Producer

Will Test Report No. 11

RESULTS OF TEST
 MILL REPORT LOG

A. Portland Cement					
Test No.	Car No.	BBLs.	Date Shipped	Company	Plant
58-10	MP-2057	400.80	8-17-55	Lehigh	Iola, Kansas
58-10	MP-4215	387.23 (In bags)	8-18-55	Lehigh	Iola, Kansas
58-10	MKT-91541	158	8-18-55	Lehigh	Iola, Kansas
59-10	MP-4292	397.87	8-19-55	Lehigh	Iola, Kansas
59-10	MP-2212	396.28	8-19-55	Lehigh	Iola, Kansas
50-12	MP-4197	376.60	8-20-55	Lehigh	Iola, Kansas
50-12	MP-4263	379.79	8-22-55	Lehigh	Iola, Kansas
51-11	MP-4178	394.68	8-23-55	Lehigh	Iola, Kansas
52-11	MP-4270	396.01	8-24-55	Lehigh	Iola, Kansas
53-11	MP-4279	386.44	8-25-55	Lehigh	Iola, Kansas
53-11	MP-4023	393.62	8-25-55	Lehigh	Iola, Kansas
53-11	MP-4197	386.44	8-25-55	Lehigh	Iola, Kansas

No cylinder sheet steel or tension wire reports received.

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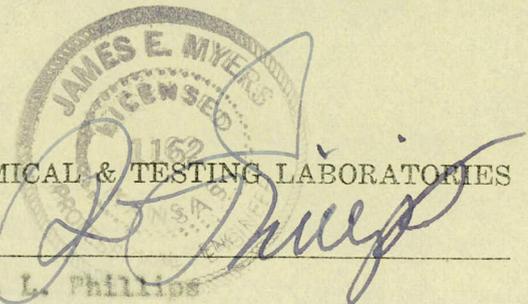
CC: 2 Lock Joint Pipe Co.
 2 Keller
 1 Knoll
 1 Hess

Reference: _____

File: 1
 FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: R. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

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 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
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 J. J. REMAR
 ASSOCIATES
 LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: September 2, 1955

Lab. Number: 809023

(REFER TO THIS NUMBER)

Submitted By: Lab Inspector Date Received At Lab.: 9-2-55 Time: 11:00 A.M.

Material Tested: A. Portland Cement
B. Cylinder Sheet Steel
C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
Materials Furnished With Analysis
Certification By Producer

Mill Test Report No. 10

RESULTS OF TEST

MILL REPORT LOG

A. Portland Cement

<u>Test No.</u>	<u>Car No.</u>	<u>BBLs.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
58-9	MP2112	395.21	8-4-55	Lehigh	Iola, Kansas
59-9	MP4243	387.50	8-5-55	Lehigh	Iola, Kansas
51-11	MP2088	399.73	8-8-55	Lehigh	Iola, Kansas
51-11	MP4023	396.81	8-9-55	Lehigh	Iola, Kansas
52-10	MP4235	392.55	8-10-55	Lehigh	Iola, Kansas
54-10	MP2148	395.48	8-11-55	Lehigh	Iola, Kansas
54-10	MP4290	379.26	8-12-55	Lehigh	Iola, Kansas
54-10	MP4243	386.44	8-12-55	Lehigh	Iola, Kansas
55-10	MP4204	392.82	8-13-55	Lehigh	Iola, Kansas
56-10	MP4289	386.44	8-15-55	Lehigh	Iola, Kansas
57-9	MP2207	397.09	8-16-55	Lehigh	Iola, Kansas

No cylinder sheet steel or tension wire reports received.

The original two copies of these mill reports were distributed: one to Mr. J. J. Knoll and one to Lab. office. These are available at any time.

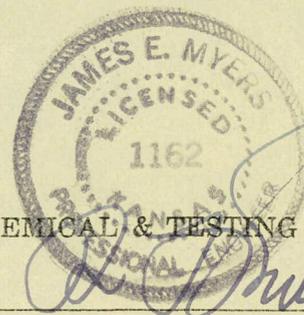
2 Lock Joint @ Colwich
 2 Weller
 CC: 1 Knoll
 1 Hess

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

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By: _____



R. L. Phillips

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 J. J. REMAR
 ASSOCIATES

LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:

- AMERICAN CHEMICAL SOCIETY
- AMERICAN SOCIETY FOR TESTING MATERIALS
- AMERICAN SOCIETY OF CIVIL ENGINEERS
- ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Company
Box 137
Colwich, Kansas

Date: August 30, 1955

Lab. Number: 808414

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: August 29, 1955 Time: 9:00 A.M.

Material Tested: A. PORTLAND CEMENT
 B. CYLINDER SHEET STEEL
 C. TENSION WIRE

No. of Samples: As Shown

Sample Designations:

Materials Furnished with Analysis
 Certification by Producer.

Weekly Mill Test Report No. 9

RESULTS OF TEST

MILL REPORT LOG

A. PORTLAND CEMENT:

Test No.	Car No.	BLS	Date Shipped	Company	Plant
53-9	MP-4154	387.45	7-26-55	Lehigh	Iola, Kansas
54-9	MP-4024	391.28	7-27-55	Lehigh	Iola, Kansas.
54-9	MP-2129	397.29	7-28-55	Lehigh	Iola, Kansas
55-9	MP-4214	389.20	7-29-55	Lehigh	Iola, Kansas
55-9	MP-4231	388.72	7-29-55	Lehigh	Iola, Kansas
56-9	AT-182314	377.66	7-30-55	Lehigh	Iola, Kansas

B. CYLINDER SHEET STEEL:

Test No.	Car No.	Heat Nos.	Company	Date
S-1	PRR-363526	03-V-384-PO	U.S. Steel	8-3-55
		12-V-398-PO		
		15-V-360-PO		
		66-S-369-PO		
S-2	PRR-317406	03-V-384-PO	U.S. Steel	8-3-55
		12-V-398-PO		
		15-V-360-PO		
		66-S-369-PO		

C. Tension Wire:

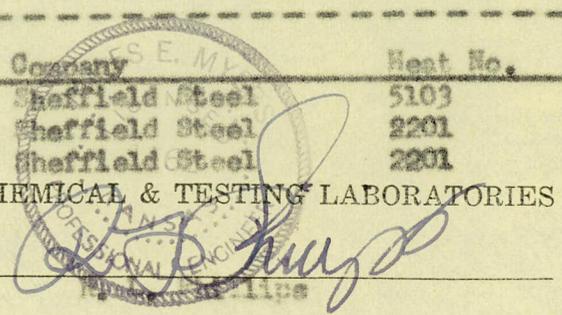
Test No.	Date Shipped	Order No.	Company	Heat No.
T-1	7-27-55	W-7420	Sheffield Steel	5103
T-2	7-29-55	W-7420	Sheffield Steel	2201
T-3	8-2-55	W-7420	Sheffield Steel	2201

Reference: Originals to: Lab. Office & J.J. Knoll

WICHITA CHEMICAL & TESTING LABORATORIES

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By: _____



Wichita CHEMICAL AND TESTING *Laboratories*
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 WICHITA 4, KANSAS

J. E. MYERS
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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: **LOCK JOINT PIPE COMPANY**
 Box 137
 Colwich, Kansas

Date: August 23, 1955

Lab. Number: 808313
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 8-22-55 Time: 10:00 A.M.

Material Tested: A. PORTLAND No. of Samples: As Shown
 B. CYLINDER SHEET STEEL Sample Designations:
 C. TENSION WIRE Materials Furnished with Analysis
 Certification by Producer

Weekly Mill Test Report No. 8

RESULTS OF TEST

MILL REPORT LOG

A. PORTLAND CEMENT:

Test No.	Car No.	BBLS	Date Shipped	Company	Plant
56-9	MP-2088	399.20	8-2-55	Lehigh	Iola, Ks.
57-9	MP-4143	372.61	8-3-55	Lehigh	Iola, Ks.

B. CYLINDER SHEET STEEL:

Test No.	Car No.	Heat No's.	Company	Date
8-1	PLC -16213	09-V-384 12-V-398	U.S. Steel	8-10-55

C. TENSION WIRE:

Test No.	Date Shipped	Order No.	Company	Heat No.
7-1	8-4-55	W-7420	Sheffield Steel	2201

The Original two copies of these Mill Reports were distributed:
 1-Mr. J. J. Knoll @ Black & Veatch in Wichita
 1-Laboratory Office.

These are available at any time.
 2-Lock Joint

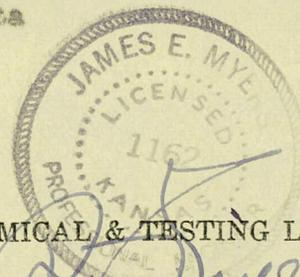
CC: 2-Meller
 1-Knoll
 1-Hess

Reference: _____

File: 1

WICHITA CHEMICAL & TESTING LABORATORIES

By: *J. E. Myers*
 N. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
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 WICHITA 4, KANSAS

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REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Company
Box 137
Coldeh, Kansas

Date: August 16, 1955

Lab. Number: 808186

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: August 15, 1955 Time: 9:30 A.M.

Material Tested: A. PORTLAND CEMENT
 B. CYLINDER SHEET STEEL
 C. TENSION WIRE

No. of Samples: As Shown
 Sample Designations:
 Materials Furnished with Analysis
 Certification by Producer

Weekly Mill Test Report No. 7

RESULTS OF TEST

MILL REPORT LOG

A. Portland Cement:

Test No.	Car No.	BBLs.	Date Shipped	Company	Plant
57-8	MP-4226	392.34	7-14-55	Lehigh	Iola, Kansas
58-8	MP-2021	401.86	7-15-55	Lehigh	Iola, Kansas
52-9	MP-4018	397.39	7-25-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel:

Test No.	Car No.	Heat No's.	Company	Date
S-1	Southern	72-S-357	U.S. Steel	July 15, 1955
S-2	NYC-715506	206396	U.S. Steel	July 28, 1955
		03-V-384		
		12-V-398		
S-3	PHR-318231	15-V-360	U.S. Steel	July 28, 1955
		03-V-384		
		12-V-398		
S-4	URR-1170	15-V-360	U.S. Steel	July 28, 1955
		03-V-384		
		12-V-398		
S-5	PHR-346627	15-V-360	U.S. Steel	July 28, 1955
		03-V-384		
		15-V-360		

2-Lock Joint
 CC: 2-Weller
 1-Knoll
 1-Heeg

-----Continued-----

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

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By: _____



Wichita CHEMICAL AND TESTING *Laboratories*

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

Lock Joint Pipe Company
Box 137
Colwich, Kansas

- Page 2 -

Lab. No. 808186

Continued - - -

B. Cylinder Sheet Steel (Cont'd.)

Test No.	Car No.	Heat No's.	Company	Date
S-6	PRR-346790	03-V-384	U.S. Steel	July 28, 1955
		12-V-398		
		15-V-360		
S-7	PLE-9387	03-V-384	U.S. Steel	July 28, 1955
		12-V-398		
		15-V-360		

C. Tension Wire:

Test No.	Date Shipped	Order No.	Company	Heat No.
T-1	7-13-55	W-7420	Sheffield Steel	4530
T-2	7-15-55	W-7420	Sheffield Steel	4530
T-3	7-16-55	W-7420	Sheffield Steel	4530
T-4	7-19-55	W-7420	Sheffield Steel	4530
T-5	7-20-55	W-7420	Sheffield Steel	4530
T-6	7-21-55	W-7420	Sheffield Steel	2309
T-7	8-6-55	W-7420	Sheffield Steel	2201

The Original Two Copies of These Mill Reports Were Distributed:
1-to Mr. J. J. Knoll @ Black & Veatch; Wichita, Ks.
1-to Laboratory Office.

These are available at any time.

- 2-Lock Joint Pipe @ Colwich
- 2-Weller
- 1-Knoll
- 1-Hess
- 1-File



RLP:vc.

Wichita CHEMICAL AND TESTING Laboratories

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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
Box 137
Colwich, Kansas

Date: August 8, 1955

Lab. Number: 808078
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 6-August-1955 Time: 8:00 A.M.

Material Tested: A. Portland Cement No. of Samples: As Shown
 B. Cylinder Sheet Steel Sample Designations:
 C. Tension Wire Materials Furnished with Analysis
 Certification by Producer

Weekly Mill Certification Report No. 6

RESULTS OF TEST MILL REPORT LOG

<u>A. Portland Cement</u>					
<u>Test No.</u>	<u>Car No.</u>	<u>Bbls.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
53-8	MP-4037	390.32	7-5-55	Lehigh	Iola, Kansas
54-8	MP-4062	389.47	7-7-55	Lehigh	Iola, Kansas
55-8	MP-4100	349.31	7-9-55	Lehigh	Iola, Kansas
55-8	MP-4071	383.99	7-11-55	Lehigh	Iola, Kansas
55-8	MP-4012	381.22	7-11-55	Lehigh	Iola, Kansas
55-8	MP-2141	Max Hopper	7-12-55	Lehigh	Iola, Kansas
56-9	MP-2113	Max Hopper	7-13-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel
 No Cylinder Sheet Steel Reports Received.

<u>C. Tension Wire</u>				
<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
T-1	6-29-55	W-7420	Sheffield Steel	2071
T-2	6-29-55	W-7420	Sheffield Steel	2071
T-3	6-30-55	W-7420	Sheffield Steel	5103
T-4	6-30-55	W-7420	Sheffield Steel	2071
T-5	6-30-55	W-7420	Sheffield Steel	5103
T-6	7-12-55	W-7420	Sheffield Steel	4530
T-7	7-12-55	W-7420	Sheffield Steel	4530

The Original two copies of these mill reports were distributed to Mr. J. E. Myers, Knoll and
 CC: 1 to Engr. Office.

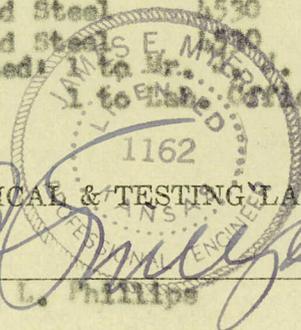
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Reference: _____

File: 1
 FORM 501

WICHITA CHEMICAL & TESTING LABORATORIES

By: R. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
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 WICHITA 4, KANSAS

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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
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 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
Box 137
Colwich, Kansas

Date: July 30,

Lab. Number: 807437
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 7-29-55 Time: 5:00 P.M.

Material Tested: A. PORTLAND CEMENT No. of Samples: As Shown
B. CYLINDER SHEET STEEL Sample Designations:
C. TENSION WIRE Materials Furnished with Analysis
 Certification by Producer

Mill Certifications Report No. 5

RESULTS OF TEST

MILL REPORT LOG

<u>A. Portland Cement:</u>					
<u>Test No.</u>	<u>Car No.</u>	<u>Bbls.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
50-10	MP 2097	397.61	7-18-55	Lehigh	Iola, Kansas
50-10	MP 2190	403.78	7-21-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel:
 No Cylinder Sheet Steel Reports Received

C. Tension Wire:
 No Tension Wire Reports Received

The Original two copies of these Mill Reports were distributed:
 1-to Mr. Knoll @ Black & Veatch, in Wichita
 1-to Lab. Office.
 These are available at any time.

CC: 2-Lock Joint
 2-Weller
 1-Knoll
 1-Hess

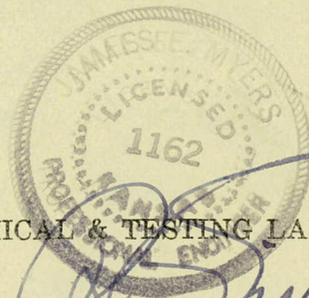
Reference: _____

File: 1
 FORM 504

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____

R. L. Phillips



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
 MANAGER
 W. H. CAMPEN
 J. R. SMITH
 J. J. REMAR
 ASSOCIATES

LICENSED PROFESSIONAL
 ENGINEERS

REPORT OF TEST

MEMBERS OF:

- AMERICAN CHEMICAL SOCIETY
- AMERICAN SOCIETY FOR TESTING MATERIALS
- AMERICAN SOCIETY OF CIVIL ENGINEERS
- ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: July 26, 1955

Lab. Number: 807344
 (REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 7-23-55 Time: 11:00 A.M.

Material Tested: A. Portland Cement
 B. Cylinder Sheet Steel
 C. Tension Wire

No. of Samples: As Shown
 Sample Designations:
Materials Furnished With Analysis Certification by Producer.

Mill Certifications - Weekly Report #4

RESULTS OF TEST MILL REPORT LOG

A. Portland Cement:
 No Mill Report Received on Portland Cement

B. Cylinder Sheet Steel:

<u>Test No.</u>	<u>Car No.</u>	<u>Heat No.</u>	<u>Company</u>	<u>Date</u>
S-1	PRR 750810	67 S 394	U.S. Steel Corp.	6-29-55
S-1	PRR 750810	72 S 357	U.S. Steel Corp.	6-29-55
S-1	PRR 750810	73 S 359	U.S. Steel Corp.	6-29-55
S-2	PLE 9550	73 S 359	U.S. Steel Corp.	6-29-55
S-2	PLE 9550	72 S 357	U.S. Steel Corp.	6-29-55
S-3	NKP 45486	72 S 357	U.S. Steel Corp.	6-29-55
S-3	NKP 45486	73 S 359	U.S. Steel Corp.	6-29-55
S-4	NYC 715625	73 S 359	U.S. Steel Corp.	6-29-55
S-4	NYC 715625	72 S 357	U.S. Steel Corp.	6-29-55
S-4	NYC 715625	67 S 394	U.S. Steel Corp.	6-29-55
S-5	B&O 263076	72 S 357	U.S. Steel Corp.	7-7-55
S-5	B&O 263076	73 S 359	U.S. Steel Corp.	7-7-55

(Continued- - -)

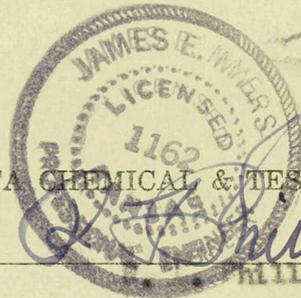
2-Lock Joint @ Colwich
 CC: 2-Weller
 1-Kroll
 1-Hess

Reference: _____

File: 1
 FORM 301

WICHITA CHEMICAL & TESTING LABORATORIES

By: *J. E. Myers*



Wichita CHEMICAL AND TESTING *Laboratories*

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

-2-

Lock Joint Pipe Company
7-26-55

Continued- - -

B. Cylinder Sheet Steel (Cont'd.)

<u>Test No.</u>	<u>Car No.</u>	<u>Heat No.</u>	<u>Company</u>	<u>Date</u>
S-5	B&O 263076	67 S 394	U.S. Steel Corp.	7-7-55
S-6	PHR 92497	72 S 357	U.S. Steel Corp.	7-8-55
S-6	PHR 92497	73 S 359	U.S. Steel Corp.	7-8-55
S-7	NYU 629403	73 S 359	U.S. Steel Corp.	7-12-55
S-8	KOS 28451	72 S 357	U.S. Steel Corp.	7-15-55
S-8	KOS 28451	73 S 359	U.S. Steel Corp.	7-15-55

C. Tension Wire

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat No.</u>
T-1	6-17-55	W-7420	Sheffield Steel	5103
T-2	6-21-55	W-7420	Sheffield Steel	5103
T-3	6-20-55	W-7420	Sheffield Steel	2201
T-4	6-21-55	W-7420	Sheffield Steel	2309
T-5	6-23-55	W-7420	Sheffield Steel	2096
T-6	6-22-55	W-7420	Sheffield Steel	2309

The Original Two Copies of These Mill Reports were distributed:

- 1-Mr. Knoll @ Wichita, Kansas
 - 1-Laboratory Office.
- These are available at any time.

cc: 2-Lock Joint @ Col wich
2-Weller
1-Knoll
1-Hess

File:1



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
 1428 N. MOSLEY AVE. PHONE HOBART 4-3948
 WICHITA 4, KANSAS

J. E. MYERS
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 ENGINEERS

REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: LOCK JOINT PIPE CO.
 Box 137
 Colwich, Kansas

Date: 7-9-55

Lab. Number: 807102

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 7-9-55 Time: 5:00 P.M.

Material Tested: A. PORTLAND CEMENT
 B. CYLINDER SHEET STEEL
 C. TENSION WIRE

No. of Samples: As Shown
 Sample Designations:
 Materials Furnished with Analysis Certification
 by Producer.

Mill Certifications: Weekly Report No. 3

RESULTS OF TEST MILL REPORT LOG

A. Portland Cement:

Test No.	Car No.	FBLB	Date Shipped	Company	Plant
62-4	PKR 502447	158	6-24-55	Lehigh	Iola, Ks.
50-9	MP 4295	395.64	6-28-55	Lehigh	Iola, Ks.
52-8	MP 4210	393.51	6-30-55	Lehigh	Iola, Ks.
52-8	MP 2057	388.24	7-1-55	Lehigh	Iola, Ks.

B. Cylinder Sheet Steel:

No Cylinder Sheet Steel Reports Received.

C. Tension Wire:

No Tension Wire Report Received

The Original two copies of these mill reports were distributed to Mr. J. J. Knoll and Lab. Office. These are available at any time.

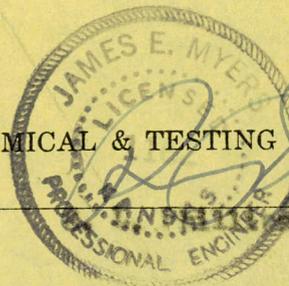
CC: 2-Loak Joint @ Colwich
 2-Waller
 1-Knoll
 1-Hess

Reference: _____

File: 1

WICHITA CHEMICAL & TESTING LABORATORIES

By: _____



[Handwritten Signature]

Wichita CHEMICAL AND TESTING *Laboratories*
 ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
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REPORT OF TEST

MEMBERS OF:
 AMERICAN CHEMICAL SOCIETY
 AMERICAN SOCIETY FOR TESTING MATERIALS
 AMERICAN SOCIETY OF CIVIL ENGINEERS
 ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137 -
Colwich, Kansas

Date: July 5, 1955

Lab. Number: 207022

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 7-1-55 Time: 5:00 A.M.

Material Tested: A - PORTLAND CEMENT
 B - CYLINDER SHEET STEEL
 C - TENSION WIRE

No. of Samples: As Shown
 Sample Designations:
 Materials Furnished with Analysis
 Certification by Producer.

MILL Certifications - Weekly Report No. 2

RESULTS OF TEST

MILL REPORT LOG

A. Portland Cement

<u>Test No.</u>	<u>Car No.</u>	<u>BBLS.</u>	<u>Date Shipped</u>	<u>Company</u>	<u>Plant</u>
56-8	MP 2133	391.6 0	6-12-55	Lehigh	Iola, Kansas
56-8	MP 2021	385.90	6-18-55	Lehigh	Iola, Kansas
60-5	MP 4127	381.28	6-23-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel

No sheet steel shipments received.

C. Tension Wire

<u>Test No.</u>	<u>Date Shipped</u>	<u>Order No.</u>	<u>Company</u>	<u>Heat Nos.</u>
T-2	6-4-55	W-7420	Sheffield	2071
T-3	6-6-55	W-7420	Sheffield	2071
T-4	6-9-55	W-7420	Sheffield	5103
T-5	6-10-55	W-7420	Sheffield	5103
T-6	6-13-55	W-7420	Sheffield	5103
T-7	6-15-55	W-7420	Sheffield	5103
T-8	6-16-55	W-7420	Sheffield	2085

CC: 2-Lock Joint @ Colwich
 2-Seller
 1-Kroll
 1-Hess

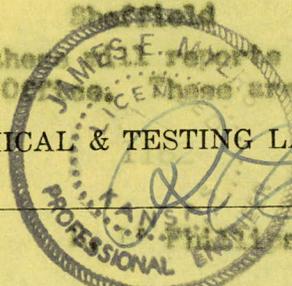
The original two copies of the WICHITA reports were distributed to Mr. J. J. Knoll and Lab. Office. These are available at any time.

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____



Wichita CHEMICAL AND TESTING Laboratories

ANALYTICAL CHEMISTS - BACTERIOLOGISTS - TESTING ENGINEERS
1428 N. MOSLEY AVE. PHONE HOBART 4-3948
WICHITA 4, KANSAS

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REPORT OF TEST

MEMBERS OF:
AMERICAN CHEMICAL SOCIETY
AMERICAN SOCIETY FOR TESTING MATERIALS
AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSOCIATION OF ASPHALT PAVING TECHNOLOGISTS

Test Made for: Lock Joint Pipe Co.
P.O. Box 137
Colwich, Kansas

Date: June 28, 1955

Lab. Number: 806328

(REFER TO THIS NUMBER)

Submitted By: Lab. Inspector Date Received At Lab.: 6-25-55 Time: 12:00 Noon

Material Tested: A. PORTLAND CEMENT
B. CYLINDER SHEET STEEL
C. TENSION WIRE

No. of Samples: As Shown

Sample Designations:

Materials furnished with analysis certification by producer.

Mill Certifications
Weekly Report No. 1

RESULTS OF TEST

A. Portland Cement:

Test No.	Car No.	Wt. lbs.	Date Shipped	Company	Plant
C-1	MP2062	404.73	5-25-55	Lehigh	Iola, Kansas
C-2	MP2066	384.31	6-8-55	Lehigh	Iola, Kansas
C-3	MP2233	381.22	6-8-55	Lehigh	Iola, Kansas
C-4	MP4088	393.09	6-9-55	Lehigh	Iola, Kansas
C-5	MP2100	377.07	6-13-55	Lehigh	Iola, Kansas
C-6	MP4123	373.88	6-13-55	Lehigh	Iola, Kansas
C-7	MP4255	384.10	6-11-55	Lehigh	Iola, Kansas
C-8	MP4095	388.94	6-14-55	Lehigh	Iola, Kansas

B. Cylinder Sheet Steel:

Test No.	Car No.	Heat No.	Company	Date
S-1	B&L - 36392	688114	U.S. Steel Corp.	4-25-55
S-2	PMCK&Y - 91581	688114	U.S. Steel Corp.	4-25-55
S-3	BRIS - 14060	678128 & 688114	U.S. Steel Corp.	4-25-55
S-4	B&L - 36969	688114	U.S. Steel Corp.	4-25-55
S-5	B&L - 36153	678128 & 688114	U.S. Steel Corp.	4-25-55
S-6	B&L - 47541	738122 & 678128 & 688114	U.S. Steel Corp.	4-27-55
S-7	PMR - 359182	738122 & 678128 & 688114	U.S. Steel Corp.	4-27-55
S-8	B&L - 48512	738122 & 678128	U.S. Steel Corp.	4-27-55

C. Tension Wire:

Test No.	Date Shipped	Order No.	Company	Heat No.
T-1	6-7-55	W-7420	Sheffield Steel	2085

CC: 2-Lock Joint
2-Weller
✓ 1-Knoll
1-Hess

The original two copies of these Mill Reports were distributed: 1 to Mr. J. J. Knoll, and 1 @ Lab. Office. These are available any time.

Reference: _____

WICHITA CHEMICAL & TESTING LABORATORIES

File: 1

By: _____

