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Control Laboratory
JOHNS-MANVILLE

Quality-Control Department--

Building Products DIVISION

Manville PLANT

Report No. C-98573

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Date 8/2/50

Subject: Superex Blocks
Requested by: J. C. Crawford, Jr.
Identification: For Carnegie Illinois Steel Corp. For Test in Laboratory at South
Works, South Chicago, Ill. - Order #R-67717 - Size: 4 x 6 x 36"

PLAINTIFF'S
EXHIBIT
K-1458

SUMMARY:-

Superex Blocks being furnished to Carnegie Illinois Steel Corporation on Order #R-67717 comply with Johns-Manville Specification in respect to linear shrinkage of 3% Maximum after 24 hrs. soaking heat at 1900°F.

DATA:-

<u>Physical Tests</u>		<u>J-M Spec.</u>	<u>Linear Shrinkage</u>	<u>J-M Spec.</u>
Size Tested	2x6x36"			
Density	23.85	27# Max.	Length	2.65%
MR, p.s.i.	70.6#	60# Min.	Width	2.39%
MR/Dens., Index	3.0	-	Thickness	3.03%
Hardness	0.49mm	0.75 Max.	Grand Av.	2.69%
Abrasion Loss:				3.0% Max.
10 Min.	27.5%	40% Max.	ϵ_v	7.88%
20 Min.	51.7%	70% Max.	S_1	2.73%
Magnesia Content	9.7%	15% Max.	Ign. Loss	4.30%
				10.0% Max.

DEFENDANT'S
EXHIBIT

0F-26

u.j.p.

Approved _____

R. Jacobs

Report by _____

G. Pellowski