REPORT OF COMPRESSIVE STRENGTH TEST

KADERABEK COMPANY
9565 NW 40 STREET ROAD, MIAMI, FL 33178
TELEPHONE NO.: 305/666-3563 FAX NO.: 305/666-3069

PROJECT NAME: HAITI CMU TESTING **PROJECT NO.:** 10122
CLIENT: HQ USSOUTHCOM-ENGINEERS **REPORT DATES:** MARCH 4, 2010
CONTRACTOR: NOT APPLICABLE **SET NO.:** 1 **LAB NO.:** 1
SAMPLE DESCRIPTION: CONCRETE MASONRY UNITS
DESCRIPTION AND LOCATION OF PLACEMENT: LOCATION OF SAMPLING NOT PROVIDED.

DATE SAMPLED: 02/23/10 **28-DAY STRENGTH(PSI):** UNKNOWN
SAMPLED BY: UNKNOWN **NORMAL OR HIGH STRENGTH:** NORMAL
DATE SAMPLES IN LAB?: 02/23/10 **CONCRETE SUPPLIER:** UNKNOWN
ASTM C-140 FOLLOWED?: GENERAL ACCORDANCE

LAB NUMBER	1	1	1	1	1	1
SAMPLE NO.	1	2	3	4	5	6
TEST DATE	03/04/10	03/04/10	03/04/10	03/04/10	03/04/10	03/04/10
DATE CAST	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
AVERAGE WIDTH (INCHES)	5.72	5.75	5.70	5.64	5.76	5.70
AVERAGE HEIGHT (INCHES)	7.77	7.77	7.77	7.73	7.77	7.77
AVERAGE LENGTH (INCHES)	15.72	15.75	15.78	15.75	15.77	15.78
AVERAGE SHELL THICKNESS (INCHES)	1.20	1.20	1.19	1.21	1.17	1.05
AVERAGE WEB THICKNESS (INCHES)	1.14	1.03	1.04	1.04	1.07	0.89
MAX LOAD(LBS.)	49620	107050	62790	83220	82610	82380
NET CROSS SECTIONAL AREA (SQUARE IN.)	49.28	48.66	48.35	48.67	48.23	43.40
COMP STRENGTH(PSI)	1010	2200	1300	1710	1710	1900

REMARKS: FILL CELL MATERIAL CHIPPED OUT OF BLOCK AREAS AT THE REQUEST OF CLIENT PRIOR TO COMPRESSIVE STRENGTH TESTING. THE DATE SAMPLED IS THE DATE THE MATERIALS WERE PROVIDED TO KACO

RESPECTFULLY SUBMITTED: 03-09-10
ERIC J. STERN, P.E.

KACO
KADERABEK COMPANY

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DATE SAMPLES IN LAB?: 02/23/10 **CONCRETE SUPPLIER:** UNKNOWN
ASTM C-140 FOLLOWED?: GENERAL ACCORDANCE

LAB NUMBER	1	1				
SAMPLE NO.	7	8				
TEST DATE	03/04/10	03/04/10				
DATE CAST	Unknown	Unknown				
AVERAGE WIDTH (INCHES)	5.72	5.72				
AVERAGE HEIGHT (INCHES)	7.77	7.70				
AVERAGE LENGTH (INCHES)	15.78	15.78				
AVERAGE SHELL THICKNESS (INCHES)	1.09	0.95				
AVERAGE WEB THICKNESS (INCHES)	1.18	1.08				
MAX LOAD(LBS.)	79510	73030				
NET CROSS SECTIONAL AREA (SQUARE IN.)	45.13	48.3				
COMP STRENGTH(PSI)	1760	1510				

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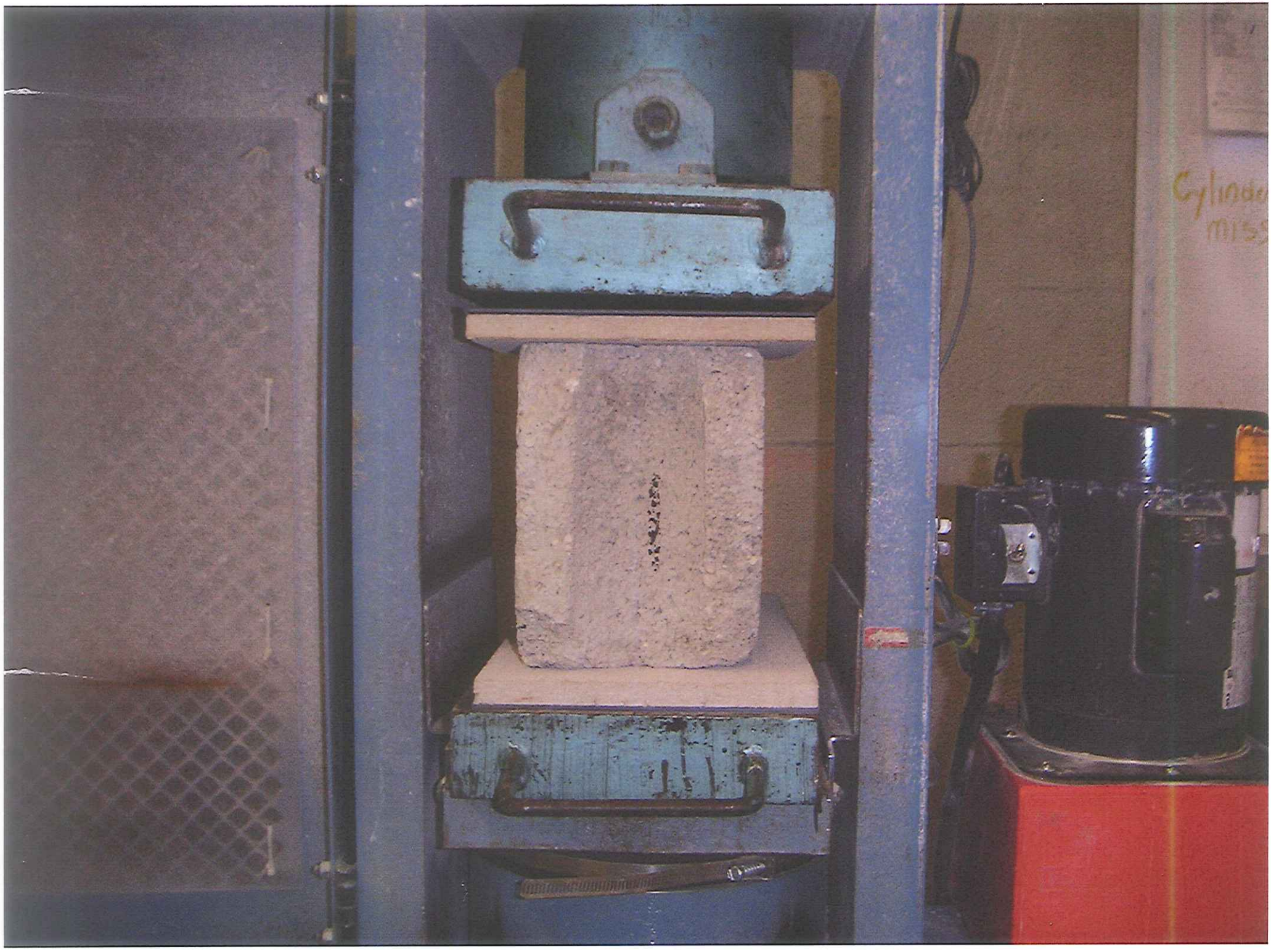
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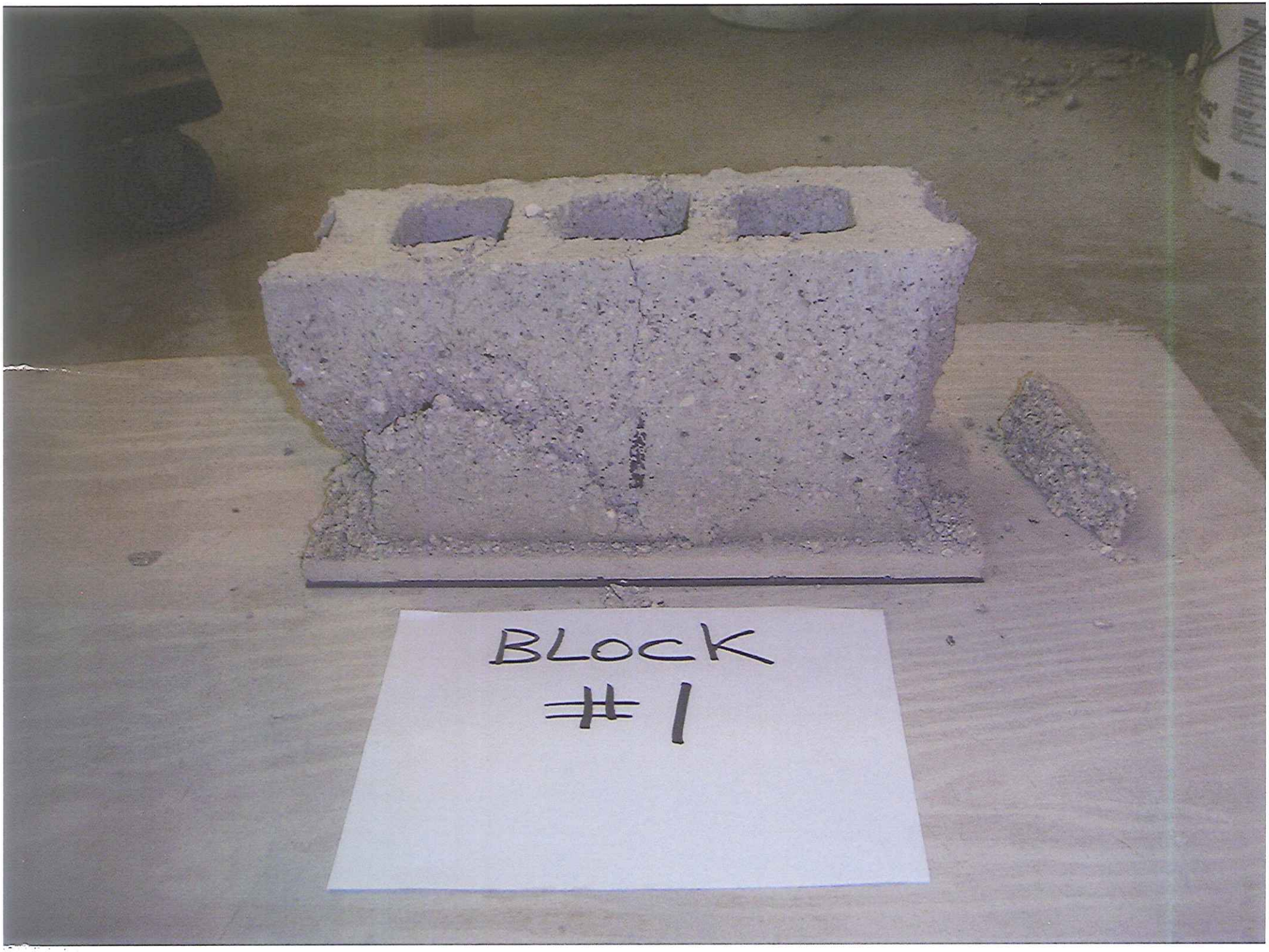
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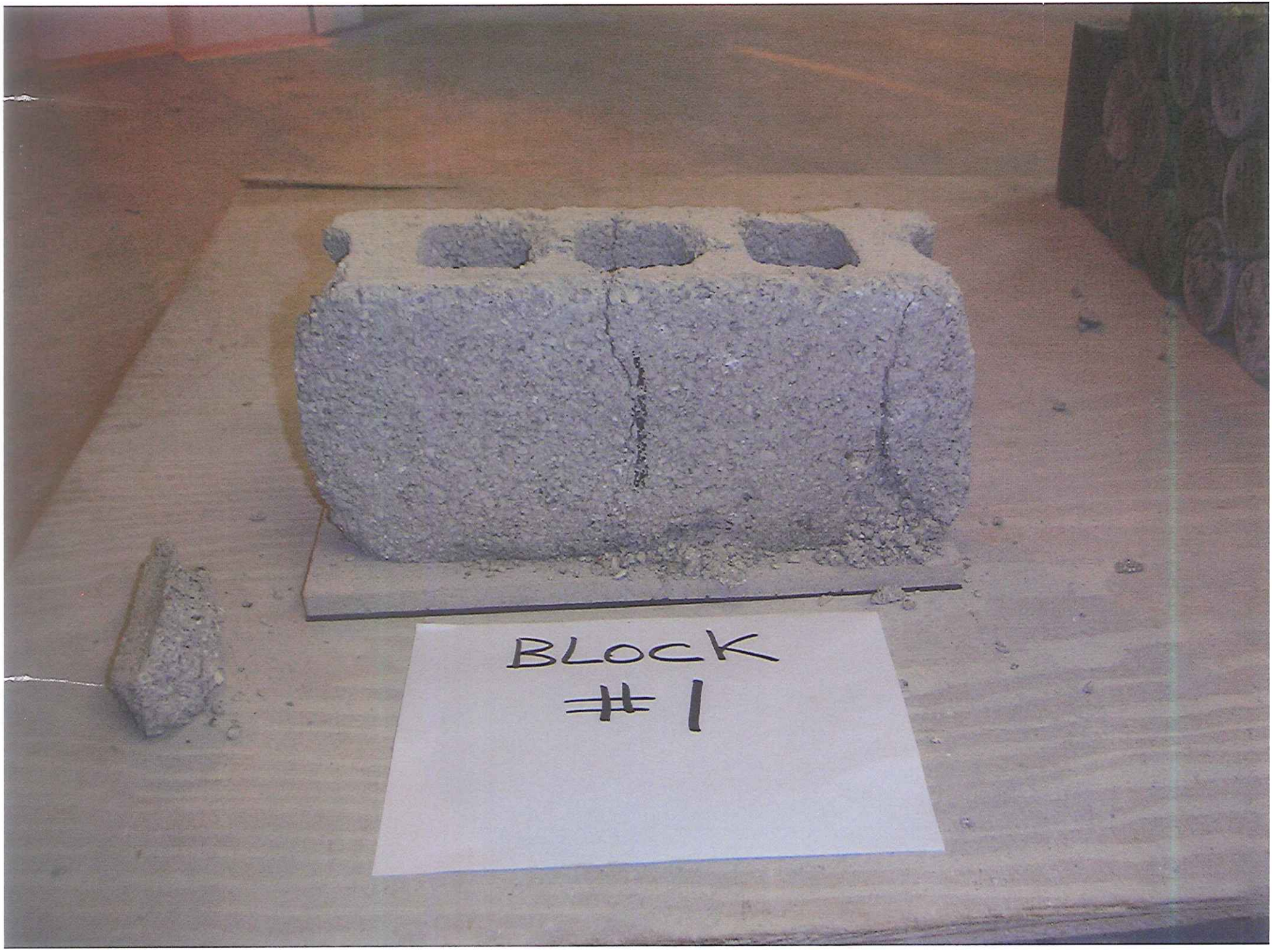
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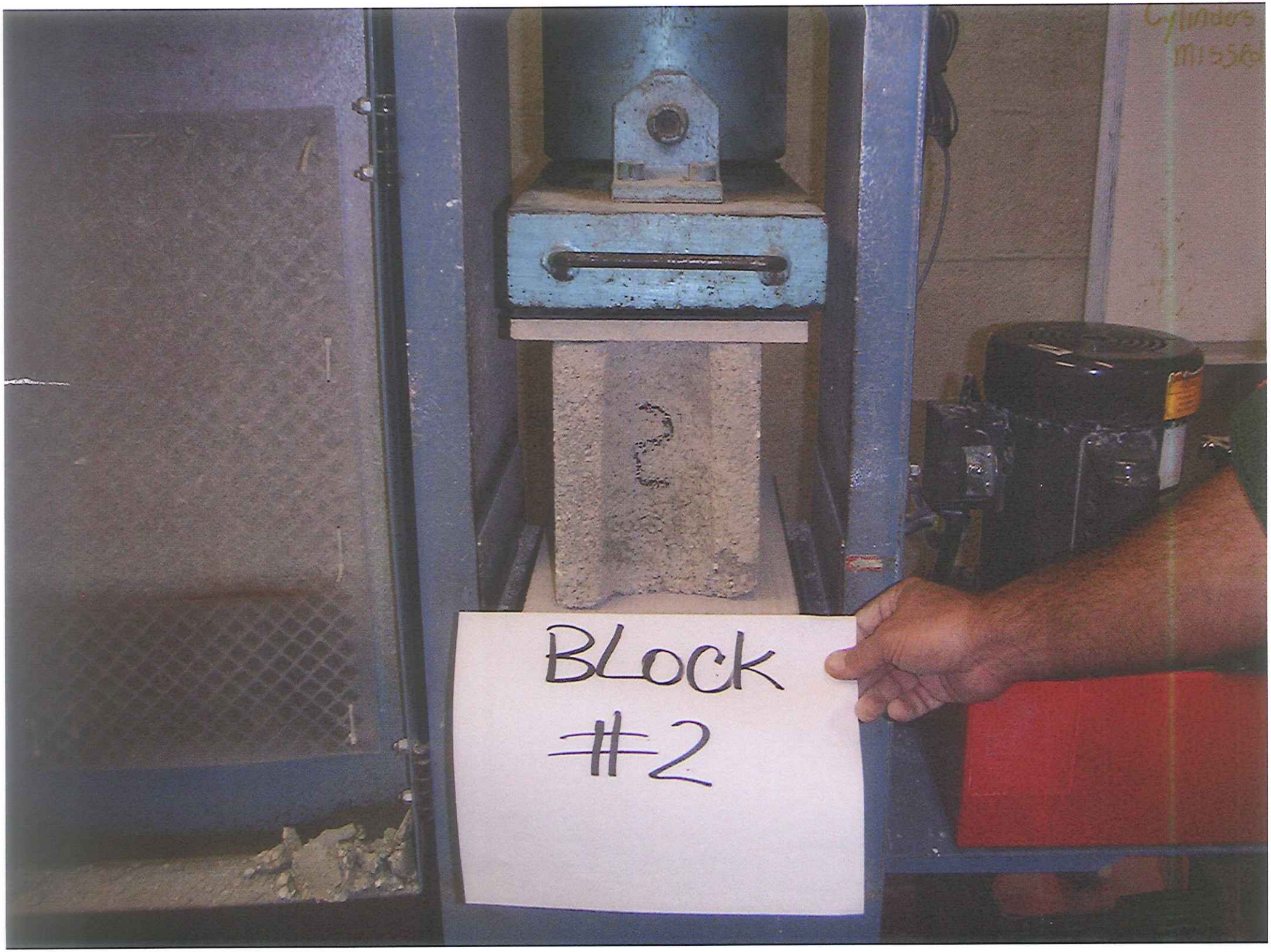
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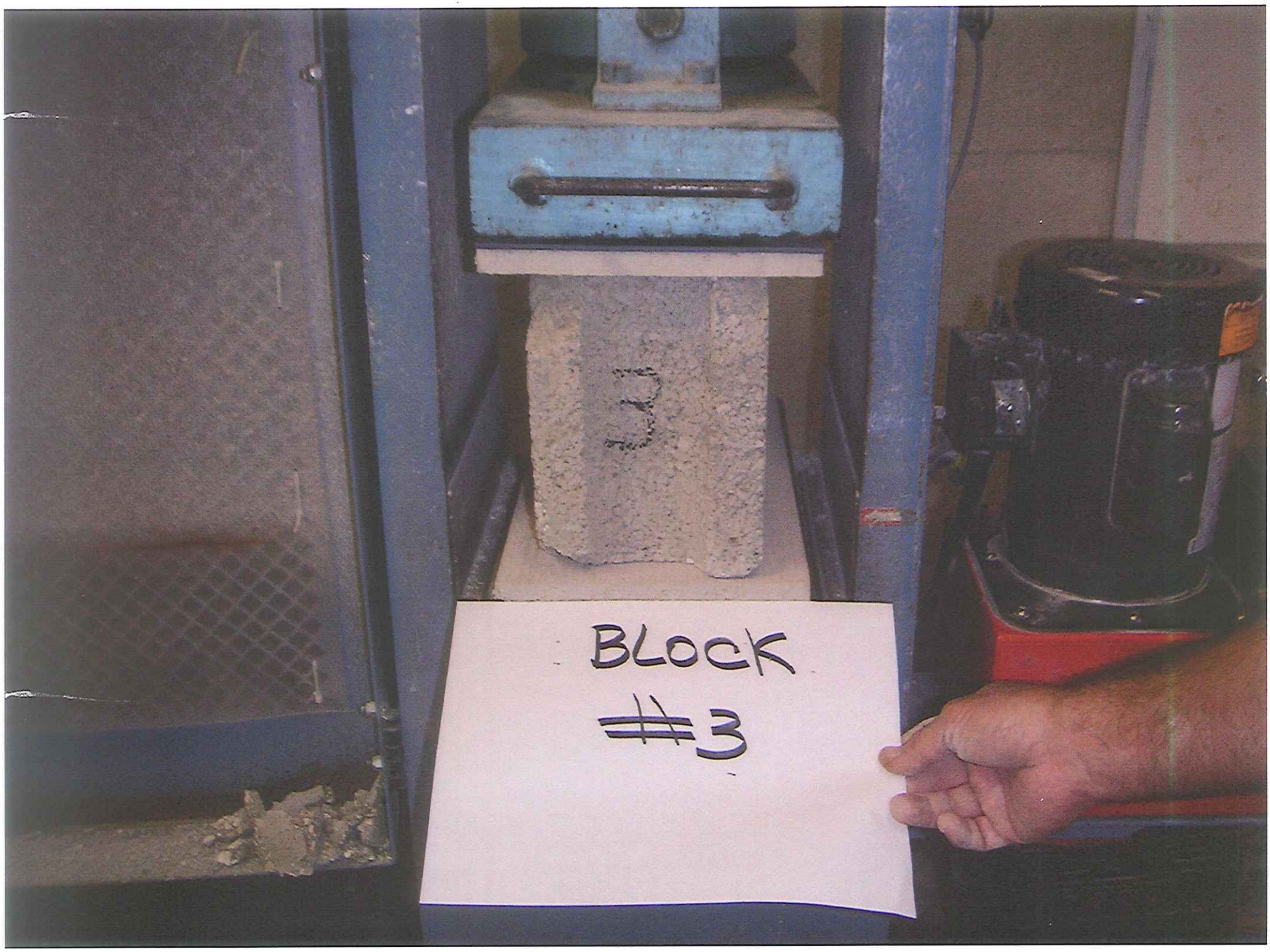
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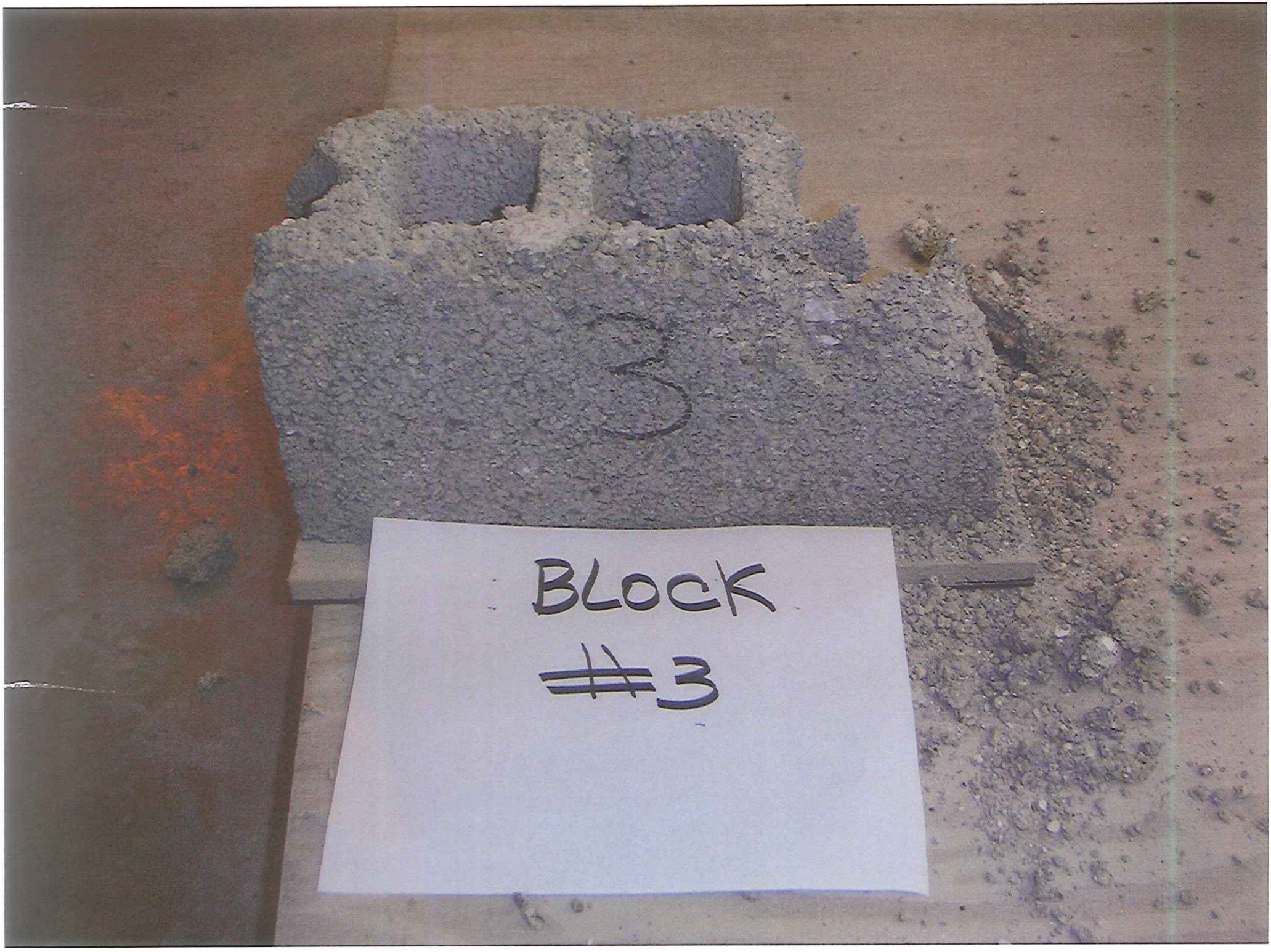
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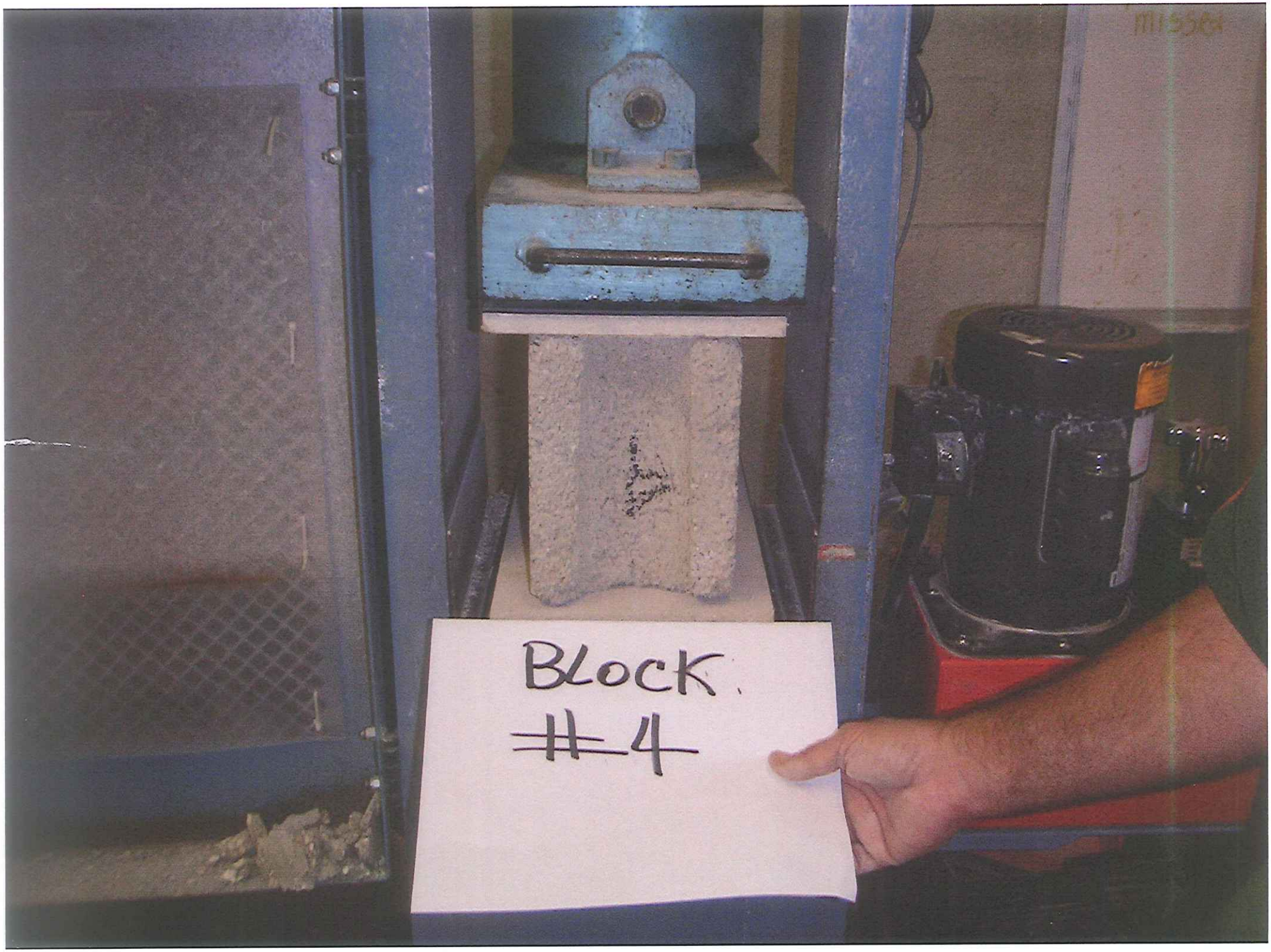
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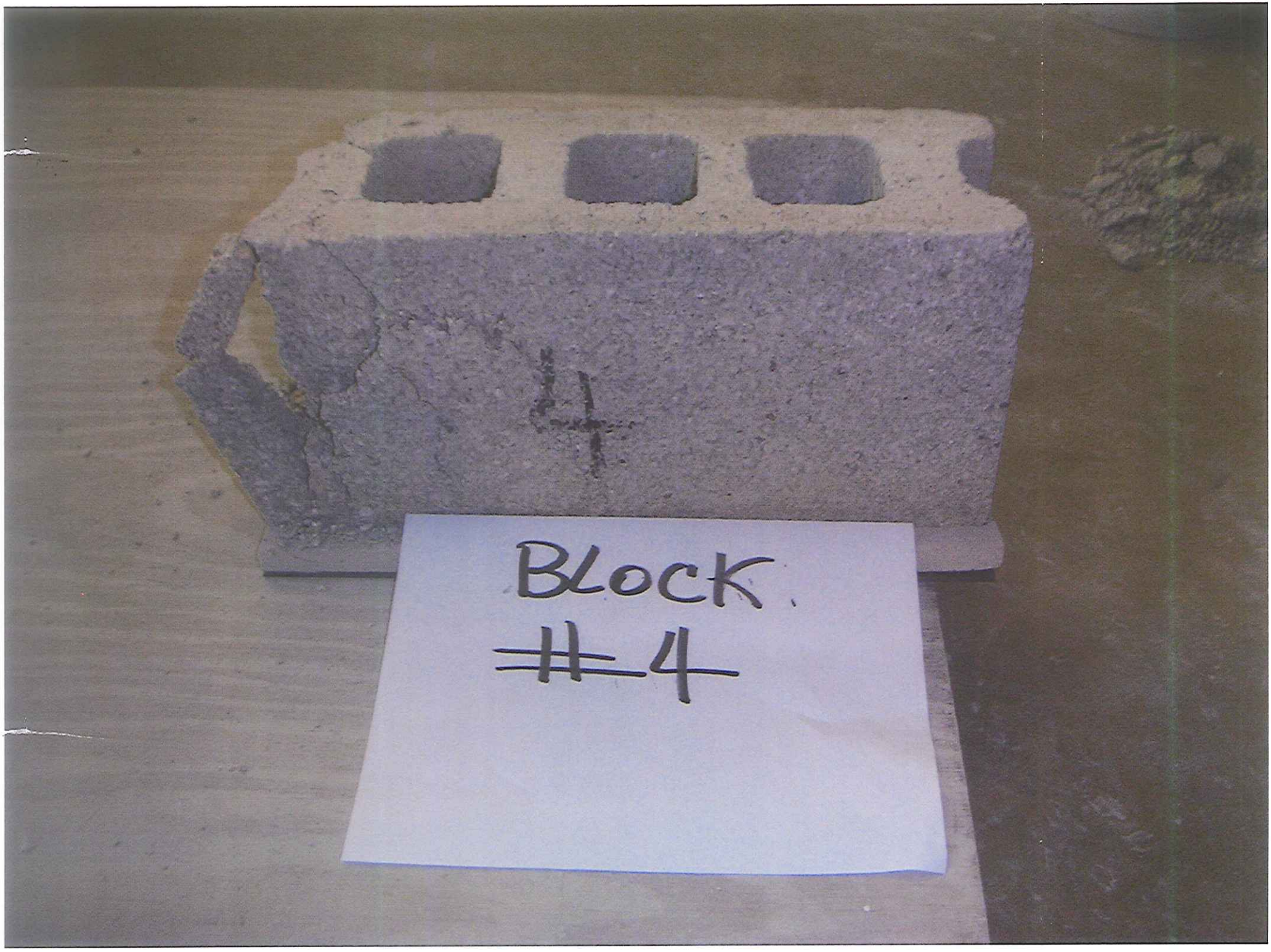
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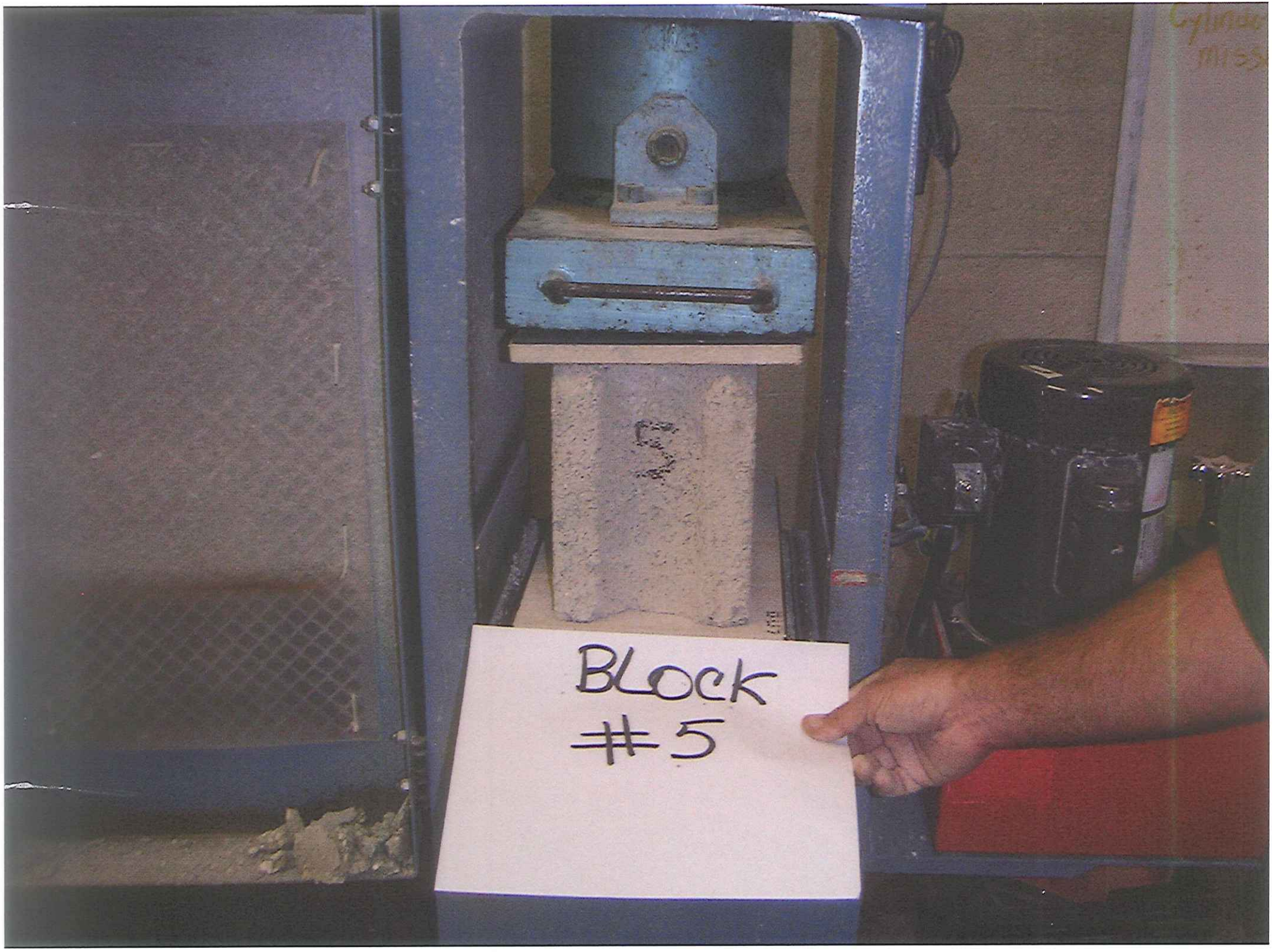
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5
BLOCK
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5
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Cylinders are missed
6
BLOCK
#6


Block
#6


Block
#6


TEST PILOT
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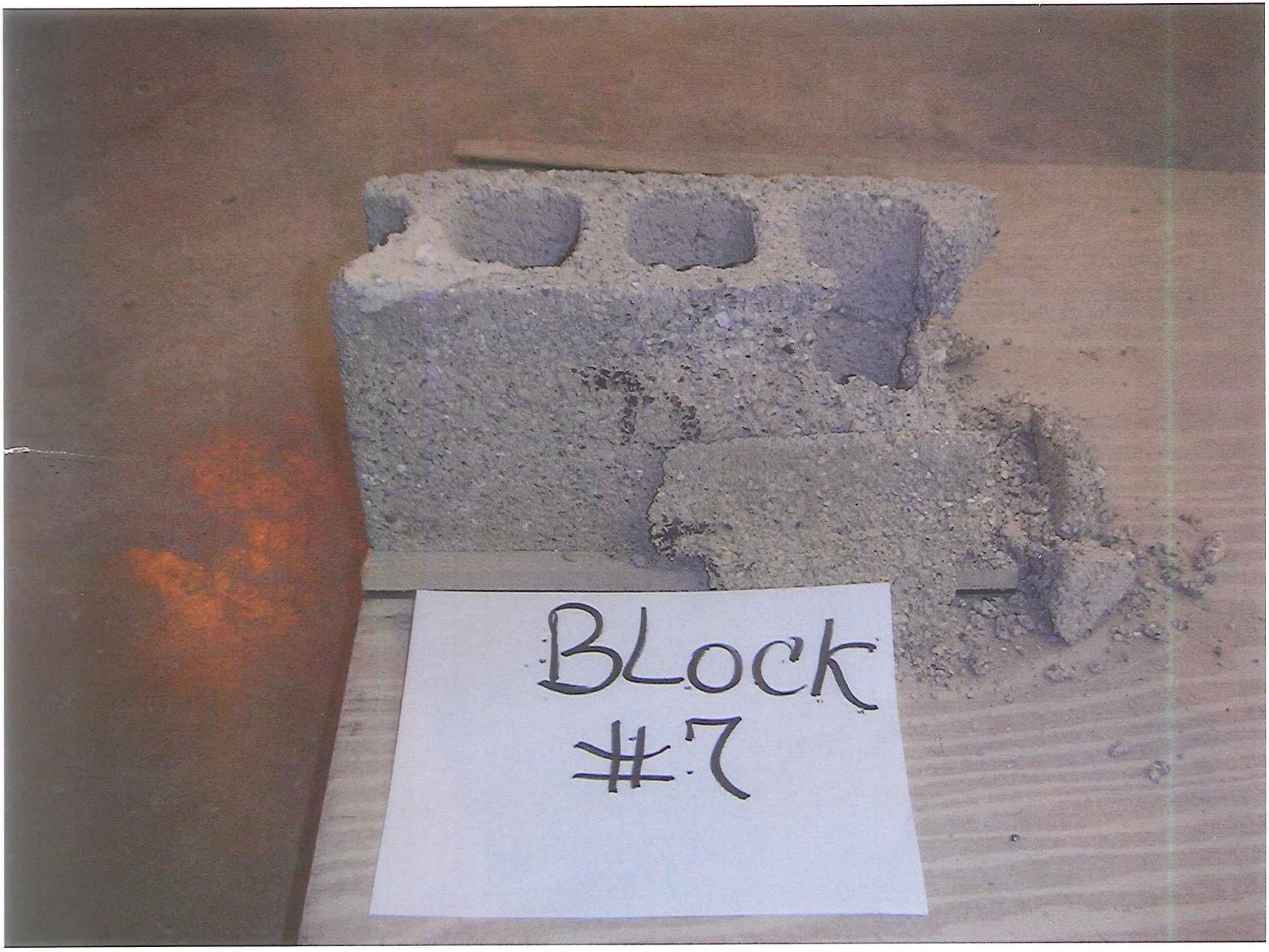
#7


BLOCK
#7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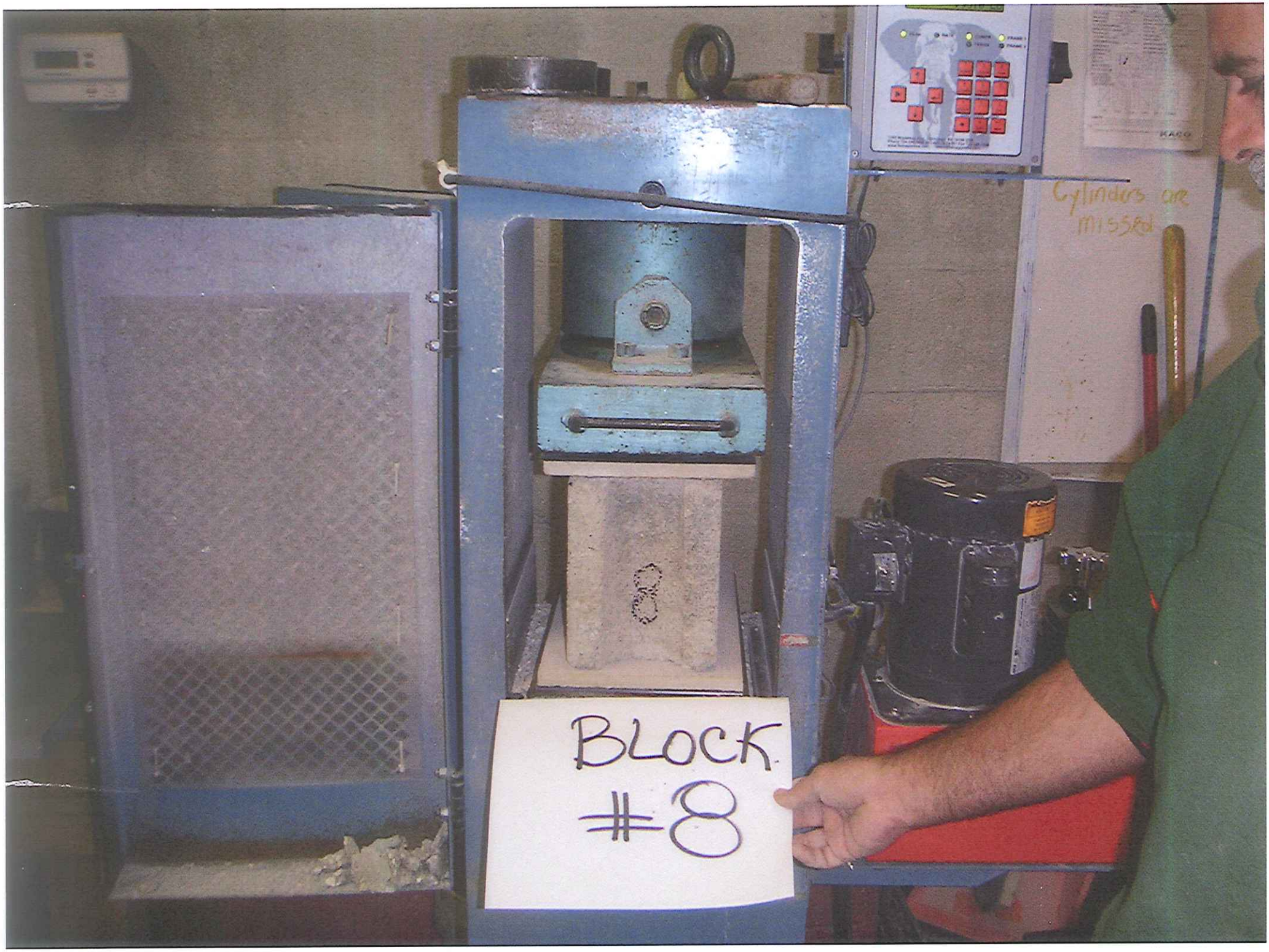
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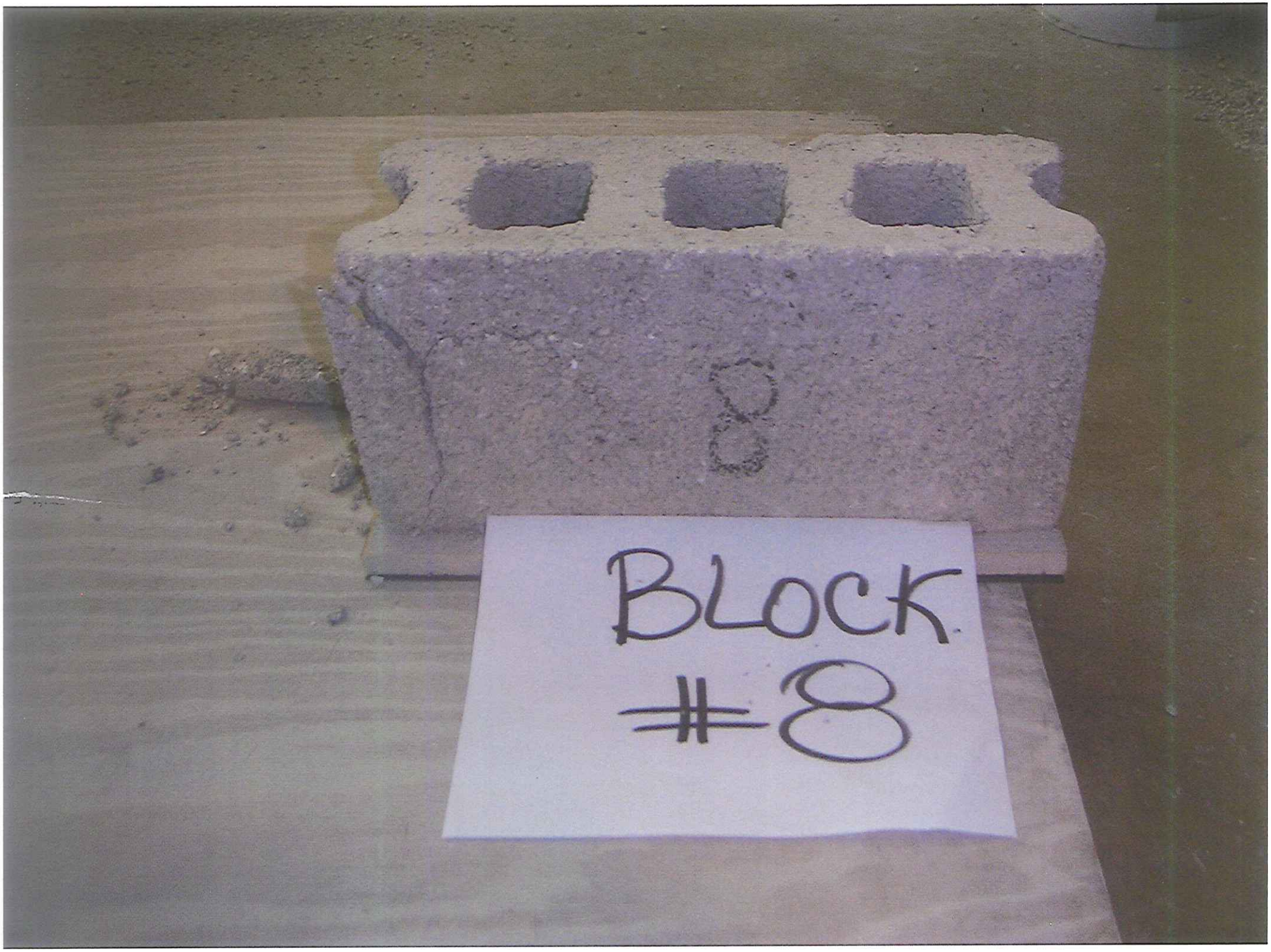
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