



Nuclear Density Gauge Calibration Check ODOT TM304

MAKE: Troxler MODEL: 3440 + DATE: 9/17/2021
SERIAL NO: 79294 GAUGE OWNER: Knife River

Standard Block has been verified: to have the same SN as the gauge being checked and that it is not cracked, split, delaminated or otherwise damaged.

STANDARD COUNTS	1st	2nd	3rd	4th	Average	5th	% Diff
DENSITY	2618.0	2626.0	2623.0	2623.0	2622.5	2631.0	0.3
MOISTURE	687.0	695.0	693.0	688.0	690.8	690.0	-0.1

HOT SUBSTRATE TEST @ 185° F ± 4° F

BS Four one- minute counts	INITIAL TEST	Lb/cu.Ft	Wait Ten Minutes	FINAL TEST	Lb/cu.Ft
	1	163.8		1	165.7
	2	165.7		2	166.4
	3	165.1		3	167.6
	4	164.5		4	166.0
	AVE	164.8		AVE	166.4

RESULTS:
FAIL

CALIBRATION CHECK

Probe Depth	BS	2	4	6	8	10	12
	108.3	107.2					
LOW BLOCK READINGS							
Average Readings							
	134.9	133.6					
MEDIUM BLOCK READINGS							
Average Readings							
	165.9	164.3					
HIGH BLOCK READINGS							
Average Readings							

LO BLOCK MOIST	0.0 Lb
FOUR-MINUTE COUNT	H2O (Lb)

RESULTS:

HI BLOCK MOIST	52.4 Lb
FOUR-MINUTE COUNT	H2O (Lb)

RESULTS:

New Calibration by ODOT?

YES

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NO

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NOTES:

SIGNATURE: _____

DATE: 9/17/2021

