Michigan Department
of Transportation
0509 (12/2023)

Clear Form

INDEPENDENT ASSURANCE DENSITY TESTS

DISTRIBUTION: Attach to Person Qualification in AASHTOWare.

DATE	CONTROL SECTION ID	JOB NUMBER
ROUTE AND/OR STRUCTURE NUMBER	REGION	
CONSTRUCTION ENG. (MDOT)	ASST. CONST. ENG. / CONSULTANT ENG.	TSC / AGENCY / COMPANY
DENSITY INSPECTOR	CERTIFICATION NUMBER	TSC / AGENCY / COMPANY

GAUGE INFORMATION

GAUGE MAKE	GAUGE MODEL	MDOT / SERIAL NUMBER
CALIBRATION DATE	GAUGE CALIBRATION REPORT ON FILE	CALIBRATION COMPANY

MOISTURE TEST	IN-PLACE TEST	MAXIMUM DENSITY TEST
☐ SPEEDY METHOD _____ %	☐ DIRECT TRANSMISSION	☐ MICHIGAN ONE-POINT CONE
☐ NUCLEAR METHODS	☐ BACKSCATTER	☐ ONE-POINT T-99
		☐ MICHIGAN MODIFIED T-180

REPORT DATE	TEST OR RETEST NUMBER	MOISTURE, %	IN-PLACE DENSITY, PCF
MAXIMUM DENSITY, PCF	OPTIMUM MOISTURE, %	PERCENT OF COMPACTION	

☐ SUBGRADE	☐ SUBBASE	☐ SHOULDERS
☐ EMBANKMENT	☐ AGGREGATE BASE	☐ STABILIZATION
☐ BACKFILL	☐ RECYCLED AGGREGATE BASE	☐ HMA PAVING COURSE

INDEPENDENT ASSURANCE TEST RESULT: ☐ ACCEPTABLE ☐ UNACCEPTABLE

REMARKS

IAT TECHNICIAN'S APPROVAL STAMP