

RADIOLOGICAL SAFETY QUALITY ASSURANCE (RSQA)

INSTRUCTIONS: Send original to Area Density Specialist, Statewide Density Unit and Radiation Safety Officer.

RSQA INSPECTOR	PROJECT ENGINEER	AUTHORIZED GAUGE USER
REGION	TRANSPORTATION SERVICE CENTER (TSC)	
EMPLOYMENT STATUS (Intern, Seasonal, Permanent, Limited-Term, Other)		CELL PHONE NUMBER
DATE OF INSPECTION	GAUGE LOCATION (Storage, Construction Site, Vehicle)	GAUGE NUMBER

Usage

Yes No N/A

- 1 Is the gauge properly signed out?
- 2 Are unauthorized personnel kept away from the area where a gauge is used?
- 3 Is the gauge user maintaining control of the gauge before, during, and after taking a test?
- 4 Does the gauge user touch the source rod or look under the gauge when the source rod is not in the safe position?
- 5 After each test does the gauge user immediately return the source rod to the safe carrying position (locked/double restraint)?
- 6 Upon completion of density tests, is the gauge placed in the gauge-user's vehicle in the Type A transportation box?
- 7 Is the gauge-user leaving the gauge unattended when performing density tests?
- 8 Can the gauge-user better use the ALARA (As Low As Reasonably Achievable) principle to decrease exposure?

Storage

- 1 Is the gauge stored in an authorized storage location?
- 2 Is the authorized storage location in an isolated and secure area?
- 3 Has the authorized storage location been determined by an Area Density Specialist?
- 4 Is the gauge double locked when stored in an authorized storage location?
- 5 Is the most current version of Nuclear Regulatory Commission (NRC) Form 3 and cabinet survey posted properly and in a conspicuous location?
6. Is the 30 gallon drum used for emergency gauge transportation available at the TSC?

Transportation

- 1 Is the licensed material transported in accordance with the provisions of the Nuclear Regulatory Commission and the US Department of Transportation?
- 2 Has the approved restraint system been installed in the vehicle designated for density testing?
- 3 Is the gauge book on the front seat, within the immediate reach of the driver (who is in the driver's seat belt) and the book clearly visible to any casual observer?
- 4 If the gauge is outside of a construction project, is the gauge fully restrained?
5. If transporting a gauge in a steel drum is a truck with a topper being used?

Security

- 1 Do unauthorized personnel have access to the gauges?
- 2 Is the gauge under constant surveillance if not in storage or locked in the vehicle?
- 3 Is the gauge double locked when the gauge is not under direct surveillance?

Recommendations and Remarks: MDOT is responsible to take corrective action upon identification of any NRC activity that does not comply with the conditions of MDOT's license. Identify corrective actions that need to be taken or have been taken.