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DOT Licensing Requirements for Cylinder Retesters

In accordance with 49 CFR 180.205(b) each cylinder bearing a DOT specification marking must be inspected, retested and marked in conformance with this section. No person may mark a cylinder with a test date or retester identification number unless that person holds a current retester identification number issued by the Associate Administrator for Hazardous Materials Safety. Effective October 1, 1996, any applicant seeking approval to retest DOT cylinders must contact a DOT authorized Independent Inspection Agency for procedural information and arrange for the required audit.

Any company that wants to be an authorized retester of cylinders must arrange for an inspection by an authorized inspection agencies. After the inspection, the company seeking approval must submit an application, a letter of recommendation from the independent inspection agency and a completed inspection report. The applicant is issued a retester identification number upon a finding that the facility and qualifications are adequate. Unless otherwise provided the number expires five years from the date of issuance. An approved retester shall apply for retester identification number renewal in a timely manner. A new inspection, a new report, and a new recommendation by the independent inspection agency are required for each renewal.

INDEPENDENT INSPECTION AGENCY (IIA) 49 CFR 107.803

Applicants seeking approval to requalify, repair, rebuild, reheat or manufacture DOT or UN ISO Cylinders in accordance with the 49 CFR must have an Independent Inspection Agency inspect their facility prior to requesting an approval from the Approvals Branch within the US Department of Transportation.

List of Authorized DOT Independent Inspectors

An Independent Inspectors must visit your facility and make recommendations to DOT for your RIN number. The inspector will view equipment for 1 % accuracy and make sure that the operators have required training and knowledge of DOT regulations for the requalification of cylinders.

[List of Independent Inspection Agencies -- DOT Cylinder Requalification Program](#)



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You should contact all of the Independent Inspection Agencies for the best price/ value for their services. Allow a minimum of 60 days advance notice to inspector.

There is a cost involved with this inspection. Pricing depends on many circumstances and should be negotiated directly with the Independent Inspection Agency providing the service.

It is suggested that you contact all of the above for the best price/value for the inspection.

It is recommended that you secure an Independent Inspection Agency that will assist you with any DOT questions or regulations that may occur during your 5 year license period.

Allow a minimum of 120 days prior to the expiration of your license to start the re-licensing procedure.

What will the Independent Inspection Agency be looking for?

- Test machine accuracy of 1 %
- All equipment to re-qualify cylinders (dryers, test adapters, vise, torque wrench, etc ...)
- Proper record keeping of verification and retest.
- Compliance with requirements for hazmat training

Most Independent Inspection Agency's will provide a check off list prior to the inspection

If the Independent Inspection Agency does not offer a check off list - ask for one. You want to make sure that you are properly prepared for the inspection that you are paying for.

Suggestions:

- Give the Independent Inspection Agency a minimum of 3 months notice prior to your license expiration date.
- Do not be concerned if a "home" office of the Independent Inspection Agency is not listed near you. Most have satellite operations throughout the U.S.
- The IIA is not employed by the D.O.T. - You should feel comfortable in asking the Independent Inspection Agency questions concerning your operation and regulations.



EQUIPMENT INNOVATORS

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Each applicant must arrange for an independent inspection agency, approved by the Associate Administrator, to perform a review of its inspection or requalification operation.

Reference Site: [49 CFR Part 107.801](#)

Within the United States

- The cylinder retester must contact one of the approved Independent Inspection Agencies to arrange for an inspection of their facility. (See Page 2)
- After the inspection, the Independent Inspection Agency must complete a report and forward the report to the cylinder retesters.
- It is the responsibility of the applicant to submit: (1) a complete application (can be in any format as long as it contains all of the required information set forth in Section [107.805](#); and, (2) the Independent Inspector's report.

The applicant should have at the time of inspection:

- A copy of Title 49, Code of Federal Regulations, Parts 100-199 or reprint. Copies of this document may be obtained from:
[Superintendent of Documents](#)
[U.S. Government Printing Office](#)
[Washington, D.C. 20402](#)
[\(202\) 783-3238](#)
- Where applicable, a copy of a current special permit document authorizing the use of a non-DOT specification cylinder. Current copies of special permit documents may be obtained from:
[U.S. Department of Transportation](#)
[Office of Hazardous Materials Special Permits and Approvals](#)
[Records Center PHH-30](#)
[1200 New Jersey Avenue, SE East Building, 2nd Floor](#)
[Washington, DC 20590](#)
[Ph: 202-366-5046 Fax: 202-366-3753](#)
- Compressed Gas Association Pamphlets **C-1, C-6, C-6.1, C-6.2, C-8**, obtainable from:
[Compressed Gas Association](#)
[4221 Walney Road, 5th Floor](#)
[Chantilly, VA 20151-2923](#)
[Phone: 703-788-2700](#)
- A certification of calibration for the test gauge through its operating range.
- A calibration cylinder and a chart showing the cylinder's expansions at various test pressures.
Note: Due to inconsistencies in the repeatability of calibration, the use of a fiber reinforced plastic (FRP) full composite cylinder as a calibration cylinder is discouraged.
- Hydrostatic test equipment capable of producing an accuracy of 1 percent.
- Equipment necessary for performing required visual inspections.
- A sample of the facility record keeping form.