



## About the Rating Workshops

The ASTM Test Monitoring Center Rater Workshops are offered to automotive lubricant deposit and distress rating professionals who conduct ratings for automotive lubricant testing. The methodologies for rating various types of deposits and distress are contained in TMC Rating Manual [20](#) and [21](#), respectively.

The purpose of the workshop is to allow rating professionals from the lubricant testing industry to calibrate by benchmarking against one another by rating engine parts that have been subjected to testing. The performance of each rater is evaluated and grouped with other raters demonstrating similar performance.

Two workshops are held annually. The first workshop focuses primarily on light duty engine parts, while the second workshop focuses primarily with heavy duty engine parts. However both workshops focus on the rating of deposits using the methods given in TMC Rating Manual 20.

Individuals who wish to participate in the ASTM Test Monitoring Center Rater Personnel Certificate Program may do so as part of a rating workshop. The details of the Certificate Program are described in the [Operations Manual For ASTM Test Monitoring Center Rater Personnel Certificate Program](#).

Individuals who meet the Blue, Red and White performance levels receive a signed certificate from ASTM and will be listed in the Directory of Certificate Holders.

## Requirements for successful completion of a Rating Workshop

An attendee at a Rating Workshop shall be able to do the following upon successful completion of the workshop:

1. The individual shall demonstrate the following core competencies in regards to rating various deposits on internal engine parts using the methods listed in TMC Manual 20:
  - a. The rater shall display the ability to discern carbon deposits that have depth versus lacquer deposits that do not have depth.
  - b. The rater shall display the ability to estimate accurately the depth of carbon deposits.
  - c. The rater shall display the ability to discern color shades of lacquer deposits.
  - d. The rater shall display the ability to evaluate the depth of sludge deposits.



- e. The rater shall demonstrate the ability to estimate visually percentages of the surface area of a rated part covered by deposits.
  - f. The rater shall demonstrate the ability to generate repeatable rating results for a given deposit on a part.
2. These core competencies may be demonstrated for any or all of the following rating categories:
    - a. Light-duty piston deposits
    - b. Heavy-duty piston deposits
    - c. Heavy-duty piston ring deposits
    - d. Sludge deposits

### **Fees**

There is \$1350 fee to attend a Rating Workshop.

### **Questions Concerning the Program**

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### **Directory of Workshop Participants**

A listing of individuals who have attended an ASTM Test Monitoring Center Rating Workshop can be found in the final report for each Rating Workshop, on the TMC website.

### **Program Documents**

[General Operations Manual for ASTM Personnel Certificate Programs](#)

[Operations Manual for TMC Rater Personnel Certificate Program](#)