

Excerpts from the SCCA Fuel Testing Manual

B. Safety and Test Equipment Preparation

The area where fuel testing is performed shall be considered hazardous and all applicable safety protocols herein shall be followed.

1. Dangers (toxic and flammable substances)

- Gasoline, gasoline additives and some testing materials are potentially toxic substances. If you ingest any of these chemicals or get them in your eyes, seek medical attention immediately.
- Gasoline may contain tetraethyl lead and other chemicals that can be absorbed through the skin and lungs with considerable cumulative adverse health effects.
- Keep fresh water on hand to flush away chemical spills on you and others.
- Keep all fuel testing components and chemicals away from children.
- Always handle gasoline in a well-ventilated area.
- There shall be no smoking, open flame or running engines within 25 feet of the fuel testing area.

2. Environmental concerns

- Collect all waste from fuel testing in a suitable closed container (approved fuel can). Placing fuel sample cups and bottles upside down in a funnel facilitates draining excess fuel or test chemicals into the waste container.
- If possible, excess fuel should be returned to the competitor once processing is complete. Waste fuel and cyclohexane can be decanted and used in any gasoline burning equipment (mowers, generators, pumps, etc) as a means of disposal. If provisions are available for disposal of waste fuel and cyclohexane, please dispose of waste properly.
- Avoid spilling fuel or test chemicals on the ground.

3. Cleaning of Equipment

Be fanatical about cleanliness. Rinse test equipment after each test with cyclohexane. For collection bottles, empty any fuel not needed for testing, then swirl cyclohexane in the bottle. Drain the cyclohexane, invert the bottle and allow it to dry completely. For sample cups, collect several drained cups, rinse with a small amount of cyclohexane, transferring it from cup to cup. Wipe all equipment dry with a paper towel. Where this is impractical (e.g., pipettes), allow the piece to dry completely. The use of acetone or distilled water as a rinse liquid should be avoided unless absolutely necessary because both affect test results. In any case, allow all test equipment to dry completely before reuse.

4. Fuel Test Kit Package Shipping Instructions

Within 1 or 2 days the test kit package should be shipped overnight or 2nd day by UPS/FedEx. ****IMPORTANT-an address label is included in your fuel testing kit to put on the package. It is neon in color****. Below is a sample of the address label and how the package should be addressed with the shipping label. **The reference to 49 CFR 173.4 is absolutely required when shipping the kit to the laboratory.**

From

CHEMPRO, INC
8902 FM 1405 Rd
BAYMONT, TX 77520

ATTN: SCCA TESTING

This package conforms to 49 CFR 173.4