

DATA ITEM DESCRIPTIONForm Approved
OMB No. 0704-0188

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1. TITLE**Fast Cook-off Test Data****2. IDENTIFICATION NUMBER****DI-SAFT-81130****3. DESCRIPTION / PURPOSE**

3.1 This data comprises the test and inspection conditions of the fast cook-off test. It is used to determine the response of a test item engulfed in a liquid fuel fire.

**4. APPROVAL DATE
(YYMMDD)****910308****5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)****OS****6a. DTIC APPLICABLE****6b. GIDEP APPLICABLE****7. APPLICATION / INTERRELATIONSHIP**

7.1 This Data Item Description (DID) contains the format and content preparation instructions for data generated by the fast cook-off test of MIL-STD-2105.

7.2 The following DID is used in conjunction with this DID and applies only if listed on the DD Form 1423 incorporated into the contract:

DI-SAFT-81126 Photographic Requirements

8. APPROVAL LIMITATION**9a. APPLICABLE FORMS****9b. AMSC NUMBER****N6030****10. PREPARATION INSTRUCTIONS**

10.1 Format. The fast cook-off test data shall be formatted in accordance with figures 1, 2 and 3.

10.2 Content. The fast cook-off test data shall include the information on figures 1, 2 and 3, and the following:

- a. Location and identification of the post-test remains depicted onto figure 2.**
- b. Description, location (linear and angular distance from original test position), dimensions and weight of the post-test remains tabulated onto figure 3.**

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

DI-SAFT-81130

**FAST COOK-OFF TEST
DATA SHEET**

Test Item: _____

Lot # _____ S/N _____

Ambient Conditions: _____

Test Facility: _____ Date: _____

Test Item Description: _____

Test Site Dimensions: _____ Fuel: _____

Quantity of Fuel: _____ Weather: _____

Test Results

Narrative Description: (Include flame temperature vrs. time plots for all thermocouple readings) _____

Explosive reaction level: _____

Post Test Description

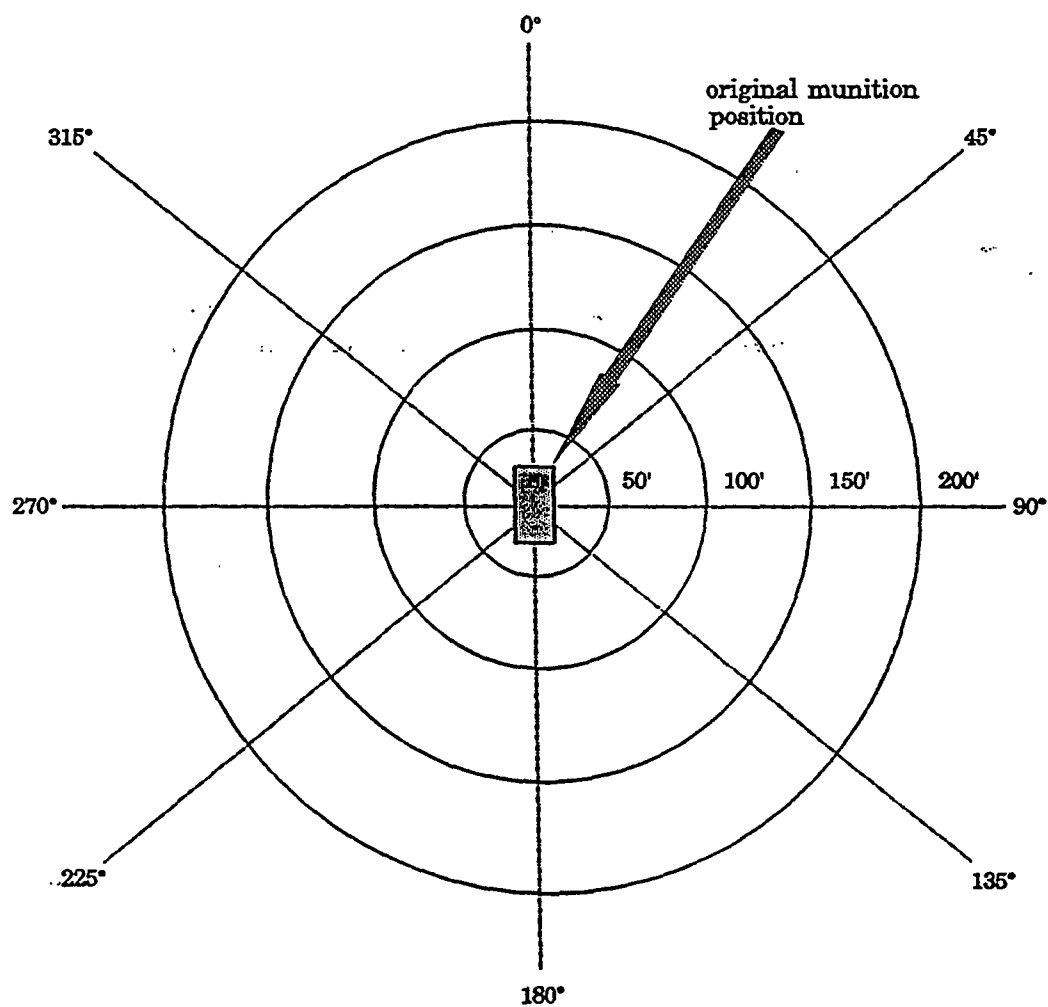
Average Flame Temperature: _____ Time to 1000°F: _____

Test Engineer: _____

Signature: _____

FIGURE 1. Fast cook-off test data sheet.

DI-SAFT-81130
POST TEST REMAINS MAP



NOTE: Identify each fragment numerically (see figure 3).

FIGURE 2. Post test remains map.

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POST TEST REMAINS TABULATION

FRAGMENT NUMBER	DISTANCE	WEIGHT	ANGLE	DESCRIPTION

FIGURE 3. Post-test remains tabulation.