

DATA ITEM DESCRIPTIONForm Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

1. TITLE Slow Cook-Off Test Data	2. IDENTIFICATION NUMBER DI-SAFT-81131
--	--

3. DESCRIPTION / PURPOSE 3.1 This data comprises the test and inspection conditions and results of the slow cook-off test. It is used to determine the response of a test item in a gradually increasing thermal environment.

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 slow 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 N6031
------------------------	----------------------	---------------------------------

10. PREPARATION INSTRUCTIONS 10.1 <u>Format.</u> The slow cook-off test data shall be formatted in accordance with figures 1, 2 and 3. 10.2 <u>Content.</u> The slow 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.
--

1. DISTRIBUTION STATEMENT

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

DI-SAFT-81131

SLOW COOK-OFF TEST
DATA SHEET

Test Item: _____

Lot # _____ S/N _____

Ambient Conditions: _____

Test Facility: _____ Date: _____

Test Item Description: _____

Test Setup (attach sketch): _____

Instrumentation (attach sketch): _____

Test Results

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

Explosive reaction level: _____

Post Test Description

Temperatures of valid thermocouples at time of test item reaction: _____

Witness Plate Description: _____

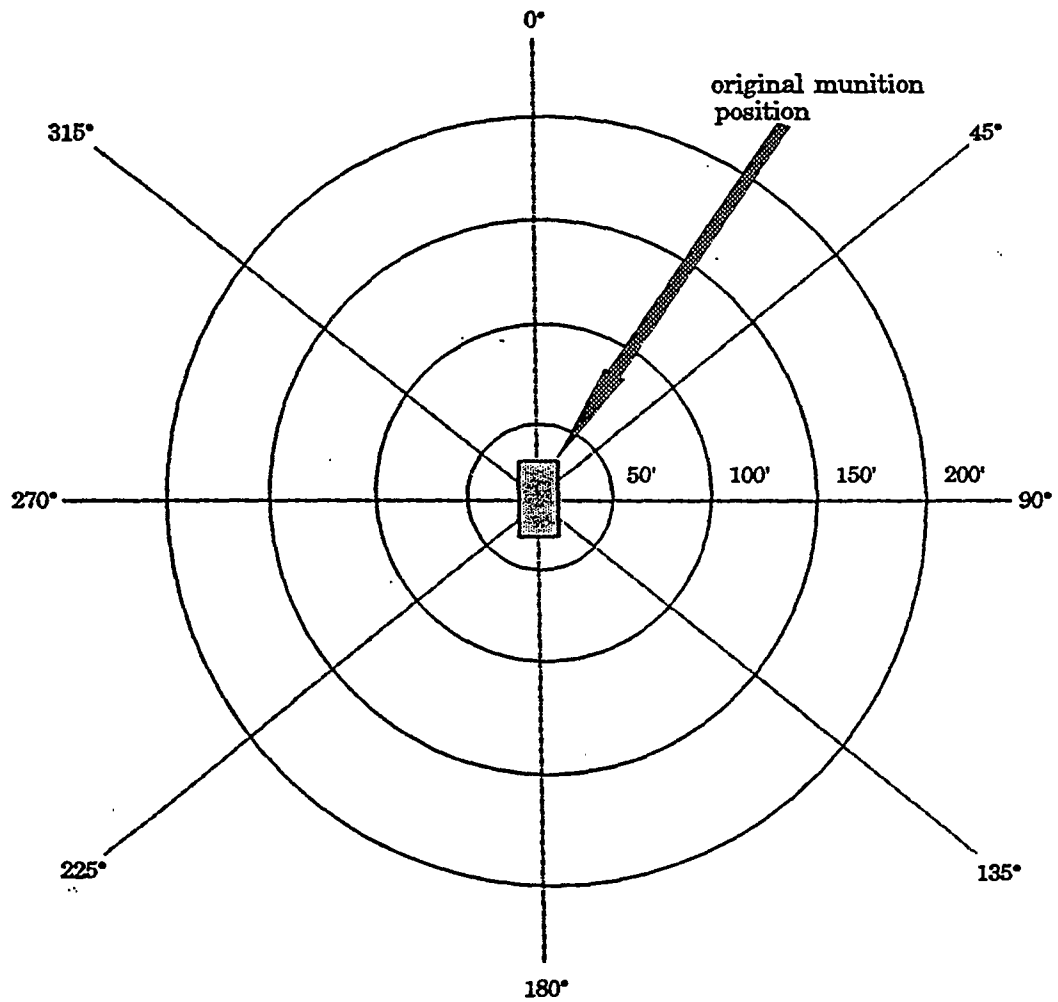
Test Engineer: _____

Signature: _____

FIGURE 1. Slow cook-off test data sheet.

DI-SAFT-81131

POST TEST REMAINS MAP



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

FIGURE 2. Post-test remains map.

DI-SAFT-81131

POST TEST REMAINS TABULATION

FRAGMENT NUMBER	DISTANCE	WEIGHT	ANGLE	DESCRIPTION

FIGURE 3. Post-test remains tabulation.