

**Appendix B - NASA Form 1584 - Safety and Health Hazard Abatement Plan, Page 1**

 National Aeronautics and Space Administration		<h2 style="margin: 0;">Safety and Health Hazard Abatement Plan</h2>	
<b>INSTRUCTIONS ARE ON REVERSE</b>			
TYPE OF ABATEMENT ACTION <i>(Enter title or brief description of corrective action required)</i>			ABATEMENT PLAN NUMBER
INSTALLATION/PROGRAM OFFICE		BUILDING/LOCATION/AREA	
HAZARD DESCRIPTION			
STANDARD, REGULATION OR PROCEDURE VIOLATED			RISK CODE
PROGRAM IMPACT			
CORRECTIVE ACTION REQUIRED			
COORDINATION REQUIREMENTS <i>(Facilities, GSA, OP and Maintenance Personnel, Program Offices, etc.)</i>			
ESTIMATED COST	FUNDS SOURCE <i>(R&amp;PM, R&amp;D, or C of F, as applicable)</i>	ABATEMENT TIME <i>(30 days, 6 mos., etc.)</i>	
REASON FOR DELAY <i>(if applicable)</i>			
INTERIM PROTECTION <i>(if applicable)</i>			
ACTION OFFICER'S TYPED NAME AND TITLE <i>(Safety or Health Inspector)</i>			
ACTION OFFICER'S SIGNATURE			DATE
<b>CONCURRENCES</b>			
SAFETY/HEALTH DIRECTOR	SIGNATURE	DATE	
BUILDINGS MANAGER/F.O.M.	SIGNATURE	DATE	
FINANCE OFFICER	SIGNATURE	DATE	
OTHER <i>(Specify)</i> _____	SIGNATURE	DATE	

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# Appendix B – NASA Form 1584 – Safety and Health Hazard Abatement Plan, Page 2

## INSTRUCTIONS

### ABATEMENT PLAN NUMBER

This number is assigned by the Field Installation/Program to identify a particular abatement plan. The format of the number is optional.

### INSTALLATION/PROGRAM OFFICE

Enter the cognizant field installation (and project location, if different from the cognizant field installation). For C or F projects include the Headquarters office having advocacy status, as indicated. Refer to pages 25-72 of the Budget Administration Manual for additional information.

### RISK ASSESSMENT CODE (RAC)

The RAC is a numerical expression of risk determined by an evaluation of both the potential severity of a condition and the probability of its occurrence. The following definitions and Risk Assessment Code Matrix are provided below as guidance. Variations may be approved by the cognizant safety and program officials.

Severity is an assessment of the worst potential consequence, defined by degree of injury or property damage, which could occur. The severity classifications are defined as follows:

**Class I - Catastrophic** - A condition that may cause death or permanently disabling injury, facility or systems destruction on the ground, or loss of crew, major systems, or vehicle during the mission.

**Class II - Critical** - A condition that may cause severe injury or occupational illness, or major property damage to facilities systems or flight hardware.

**Class III - Moderate** - A condition that may cause minor injury or occupational illness, or minor property damage to facilities, systems, or equipment.

**Class IV - Negligible** - A condition that could require first aid treatment, though would not adversely affect personal safety or health, but is a violation of specific criteria.

Probability is the likelihood that an identified hazard will result in a mishap, based on an assessment of such factors as location, exposure in terms of cycles or hours of operation, and affected population. The following is an example of probability estimation:

- A - Likely to occur immediately. ( $X > .1$ )
- B - Probably will occur in time. ( $.1 > X > .01$ )
- C - May occur in time. ( $.01 > X > .001$ )
- D - Unlikely to occur. ( $.001 > X > .000001$ )
- E - Improbable to occur. ( $.000001 \geq X$ )

### PROBABILITY ESTIMATE

		A	B	C	D	E
SEVERITY CLASS	I	1	1	2	3	4
	II	1	2	3	4	5
	III	2	3	4	5	6
	IV	3	4	5	6	7

### PROGRAM IMPACT

A statement of justification or need which should cover one or more of the following points:

- a. Why the project is now necessary at this location.
- b. Why current conditions are unacceptable.
- c. How this project impacts upon other related activities.
- d. What benefits will accrue.
- e. What the adverse impact will be if no action is taken.

### CONCURRENCES

Include those individuals directly involved in implementing this abatement plan.