

Subaru Telescope Product/Equipment/Instrument Hazard Analysis Form - INSTRUCTIONS

PRODUCT <i>Put a product/equipment/instrument name.</i>	NUMBER: <i>Enter a unique number which can be identifiable among various products, equipments or instruments.</i>	
SUBSYSTEM <i>Put the name of a subsystem or a component of product/equipment/instrument.</i>	PHASE	DATE
	PDR	
	CDR	
HAZARD TITLE <i>Put simple words that represent the hazard.</i>		
HAZARD GROUP(S) <i>Identify safety technical requirement to be applied to eliminate/control each hazard.</i>	HAZARD CATEGORY	
	SEVERITY	PROBABILITY
	<i>Scale between 1 (least severe) to 5 (more severe).</i>	<i>Scale between 1 (least probable) TO 5 (most probable).</i>
DESCRIPTION OF HAZARD <i>Describe the hazard including unsafe condition and the risk to other system/equipment/instrument.</i>		
HAZARD CAUSES <i>List the causes of each hazard.</i>		
HAZARD CONTROL <i>The method to eliminate, reduce or control hazards that are caused by various elements. This item must be completed by PDR and you may update the description at later reviews.</i>		
SAFETY VERIFICATION METHODS <i>Describe the method to verify the effectiveness of the hazard control mentioned above.</i>		
STATUS OF VERIFICATION <i>Indicate the status of safety verification. List the supporting documents.</i>		
ITEMS TO BE VERIFIED ON SITE <i>List the items that can be verified only on site.</i>		

2/13/2015

Prepare a form for each subsystem in which a hazard exists. If there are many hazards in a subsystem, multiple forms may be used.

Severity:

- 1: Causes mild acute pain, itchness, etc.
- 2: Causes medium acute pain, itchness, etc.
- 3: Causes acute pain, itchness, etc. which lasts more than a few days.
- 4: Causes chronic symptoms or after effect but does not cause permanent disability.
- 5: May lead to death or permanent disability.

Probability:

- 1: Very rare like once in a life time of the product
- 2: May occur once a year or once in several hundreds of uses
- 3: May occur once a month or once in several tens of uses
- 4: May occur once a week or once in every ten uses
- 5: May occur every day or each time of use