

DOCUMENT ID:

**3310 Appendix T2
Operational Safety Procedure Form**

Click
for
OSP/TOSP Instructions

Serial Number: _____

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OSP **TOSP**

*Attach the Task Hazard Analysis (THA) related to this procedure

Click
For Word Doc

Issue Date: _____

Expiration Date: _____

(No more than three years from Issue Date except TOSP which is three months from issue date)

Title: **FDC package test stand**

Location: EEL 126

Risk classification

(See [ESH&Q Manual Chapter 3210 Appendix T3 Risk Code Assignment](#).)

Without mitigation measures (3 or 4): 1

With mitigation measures in place (0, 1, or 2): 0

Document Owner(s): Benedikt Zihlmann

Date: _____

Supplemental Technical Validations:

Hazard Reviewed (per [ESH&H Manual 2410-T1](#)):

Subject Matter Experts Signature:

Date:

Detector High Voltage

General Safety

Bert Manzlak

Approval Signatures:

Print

Signature

Date:

Division Safety Officer: J. Gomez

Department or Group Head: E. Chudakov

Safety Warden of Area: Marc McMullen/Brian Kross

Other Approval(s): Bert Manzlak

Document History:

Revision:

Reason for revision or update:

**Serial number of
superseded document**

Distribution: Copies to: affected area, authors, Division Safety Officer, ESH&Q Document Control
After expiration: Forward original and log sheet of trained personnel to ESH&Q Document Control.

ISSUING AUTHORITY	APPENDIX AUTHOR	APPROVAL DATE	EFFECTIVE DATE	EXPIRATION DATE	REV.	Page
ESH&Q Division	Harry Fanning	10/05/09	01/01/10	10/05012	0	1 of 5

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1. Purpose of the Procedure	
Test operation and performance of FDC cathode strip wire chambers	
2. Scope – include operations, people, and/or areas where procedure applies	
Take cosmic ray data with FDC in test stand and analyze data.	
3. Description of the Facility: (include floor plans and layout of a typical experiment or operation)	
Two planes of trigger scintillator with tracking chambers and FDC package between.	
4. Authority and Responsibility:	
4.1 Who has authority to implement/terminate	Benedikt Zihlmann
4.2 Who is responsible for key tasks	Benedikt Zihlmann
5. Who analyzes the special or unusual hazards (See ES&H Manual Chapter 3210 Appendix T1 Work Planning, Control, and Authorization Procedure)	
Benedikt Zihlmann, Lubomir Pentchev and worker	
6. Personal and environmental hazard controls including:	
6.1 Shielding	Plexiglass shielding around detector High Voltage
6.2 Interlocks	N/A
6.3 Other	Signs and markings of High Voltage
7. Monitoring systems	
N/A	

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8. Ventilation
High ceiling, air conditioning
9. List of safety equipment (i.e: personal protective equipment or special tools)
Plexiglass shielding
10. Associated administrative procedures
N/A
11. Operating guidelines
Only qualified persons operate test stand
12. Notification of Affected Personnel (How and Who)
N/A
13. List of steps required to execute the procedure from start to finish.
See attachment
14. Back out procedures, i.e., steps necessary to restore the equipment/area to a safe level.
See attachment
15. Special environmental control requirements:
N/A
16. Environmental Impacts (See EMP-04 Project/Activity/Experiment Environmental Review)
N/A
17. Abatement Steps – Secondary Containment, or Special Packaging requirements
N/A
18. Training requirements
Meet with Benedikt Zihlmann
19. Unusual/Emergency procedures e.g., Injury, Fire, Loss of power
General work place requirements, call 4444, call 911, call fire department in case of fire, exit

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20. Instrument calibration requirements, e.g., safety system/device recertification, RF probe calibration
N/A
21. Inspection schedules
N/A
22. References/Associated Documentation
See attachment
23. List of Records Generated (Include Location / Review and Approved procedure)
N/A

Authorized/Trained Individuals

Print Name/Signature	Date

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