

Prepared by: C. Carlson
Date: May 18, 2012
Reviewed by: Timber (RSCR)
Date: 5/18/12
Approved by: Tom Koz
(C-A Dept. Chairman)
Date: 5/18/12

TR4 NASA Window Radiation Safety Checklist

May 18, 2012

Beam should not be delivered from Tandem to the TR4 NASA window until the following checklist is completed.

Appropriate MP6 or MP7 Beamstop should be inserted and locked until completion of the checklist items. (If necessary, equivalent devices and/or procedures may be substituted with appropriate LP or RSC approval.

Tandem beam (MP6 or MP7) LOTO'd (Building 901A):

Person _____ Date _____

- ___ (TOC) Functional check of Tandem primary interlocks is current.
- ___ (ACG) Functional check of Tandem redundant interlocks complete
- ___ (BCG) All Tandem radiation monitor calibrations current, locations checked and checked with source.
- ___ (LPT) Beamstops in place and functioning:
 - a. MP6 LE
 - b. MP7 LE
- ___ (ACG) Functional check of interlocking chipmunks complete or current.
- ___ (LPT) Target room 4 chipmunks (turret wall, nmon #155 and beam line, nmon #154) to be displayed in TVDG control room on chipmunk viewer.
- ___ (LPT) If beam is from: MP6 then 9DH2 magnet to be RS Lotto'd
Or
MP7 then 9DH1 magnet to be RS Lotto'd
- ___ (LPT) TR4 NASA window is ready for beam.

____ (OC) All above radiation safety checklist items have been initialed as complete.

- ACG C-A Access Controls Group (J. Reich, or designee)
- LPT Liaison Physicist for the TVDG (J. Alessi, or designee)
- OC MCR Operations Coordinator
- DC C-AD Chair (T. Roser, or designee)
- RCD Radiation Controls Division (P. Bergh, or designee)
- RSCR Radiation Safety Committee Representative (D. Beavis, or designee)
- TOC Tandem Operations Coordinator (C. Carlson, or designee)
- BCG Beam Components and Instrumentation Group (R. Atkins or designee)