

Subject:	NSLS-II Beamline 2-ID Radiation Safety Component Checklist			
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Check the following items in the FOE (2-ID-A)

- 2IDA-LBYR-01** Check labyrinth is secured closed and labeled.
- 2IDA-LBYR-02** Check labyrinth is secured closed and labeled.
- 2IDA-MSK-01** Check white beam mask is in place, labeled and cooling water connected.
- 2IDA-BRS-01** Check primary GB collimator is in place and labeled as per photograph.
- 2IDA-MSK-02** Check M1 entrance mask is in place, labeled and cooling water connected.
- 2IDA-BS-01** Check M1 white beam stop is in place, labeled and cooling water connected.
- 2IDA-MSK-03** Check M1 exit mask is in place, labeled and cooling water connected.
- 2IDA-MSK-04** Check pink beam mask is in place, labeled and cooling water connected.
- 2IDA-BRS-02** Check primary GB stop and secondary GB shielding wall are in place and labeled as per photograph.
- 2IDA-PSH-01** Check first photon shutter is in place, labeled and cooling water connected as per photograph.
- 2IDA-LBYR-03** Check labyrinth is secured closed and labeled.
- 2IDA-GU-01** Check hutch guillotine is secured closed and labeled as per photograph.

Check the following on the roof of the FOE (2-ID-A)

- 2IDA-LBYR-04** Check roof cable/utility access labyrinth is secured closed and labeled.
- 2IDA-LBYR-05** Check roof cable/utility access labyrinth is secured closed and labeled.
- 2IDA-LBYR-06** Check roof cable/utility access labyrinth is secured closed and labeled.
- 2IDA-LBYR-07** Check roof cable/utility access labyrinth is secured closed and labeled.
- 2IDA-LBYR-08** Check roof cable/utility access labyrinth is secured closed and labeled.
- 2IDA-LBYR-09** Check roof cable/utility access labyrinth is secured closed and labeled.

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- 2IDB-SBE-01** Check secondary GB enclosure is in place and labeled as per photograph (collars 2IDB-CLLR-01, 2IDB-CLLR-02, 2IDB-CLLR-03, pink mask 2IDB-MSK-05, secondary GB collimator 2IDB-BRS-03 located inside enclosure).
- 2IDB-SW-01** Check pair of PPS vacuum switches are in place, valve to chamber is open and labeled.
- 2IDB-VA-01** Check transport pipe is in place and labeled.
- 2IDB-CLLR-04** Check collar is in place and labeled.
- 2IDB-CLLR-05** Check collar is in place and labeled.
- 2IDB-VA-02** Check transport pipe is in place and labeled.
- 2IDB-CLLR-06** Check collar is in place and labeled.
- 2IDB-VA-03** Check transport pipe is in place and labeled.
- 2IDB-SW-02** Check pair of PPS vacuum switches are in place, valve to chamber is open and labeled.
- 2IDB-CLLR-07** Check collar is in place and labeled.
- 2IDB-VA-04** Check transport pipe is in place and labeled.
- 2IDB-CLLR-08** Check collar is in place and labeled.
- 2IDB-MSK-06** Check pink beam mask is in place and labeled.
- 2IDB-CLLR-09** Check collar is in place and labeled.
- 2IDB-CLLR-10** Check collar is in place and labeled.
- 2IDB-VA-05** Check transport pipe is in place and labeled.
- 2IDB-CLLR-11** Check collar is in place and labeled.
- 2IDB-VA-06** Check transport pipe is in place and labeled.
- 2IDB-CLLR-12** Check collar is in place and labeled.
- 2IDB-CLLR-13** Check collar is in place and labeled.
- 2IDB-SW-03** Check pair of PPS vacuum switches are in place, valve to chamber is open and labeled.
- 2IDB-CLLR-14** Check collar is in place and labeled.
- 2IDB-VA-07** Check transport pipe is in place and labeled.

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- 2IDB-VA-08** Check transport pipe is in place and labeled.
- 2IDB-MSK-07** Check pink beam mask is in place and labeled.
- 2IDB-CLLR-15** Check collar is in place and labeled.
- 2IDB-CLLR-16** Check collar is in place and labeled.
- 2IDB-VWPT-01** Check leaded glass is in place in mono viewport and labeled.
- 2IDB-VWPT-02** Check leaded glass is in place in mono viewport and labeled.
- 2IDB-VWPT-03** Check leaded glass is in place in mono viewport and labeled.
- 2IDB-VWPT-04** Check leaded glass is in place in mono viewport and labeled.
- 2IDB-VWPT-05** Check leaded glass is in place in mono viewport and labeled.
- 2IDB-VWPT-06** Check leaded glass is in place in mono viewport and labeled.
- 2IDB-SW-04** Check pair of PPS vacuum switches are in place, valve to chamber is open and labeled.
- 2IDB-MSK-08** Check mono exit mask is in place, labeled and cooling water connected.
- 2IDB-MSK-09** Check mono external mask is in place, labeled and cooling water connected.
- 2IDB-PSH-02** Check second photon shutter is in place, labeled and cooling water connected as per photograph.

Check the following in the experimental area of the satellite building (2-ID-C):

- 2IDC-SW-05** Check pair of PPS vacuum switches is in place (M4 mirror chamber), valve to chamber is open and labeled.
- 2IDC-FLG-01** Check blank flange downstream of M4 mirror chamber is in place and labeled.

2/3/2017

X Robert Chmiel

Robert Chmiel
NSLS-II Safety Officer
Signed by: Chmiel, Robert

X

Ignace Jarrige
SIX Lead Beamline Scientist

Inspected by:

Print Name _____ Signature: _____ Date: _____

******Removal of any radiation safety components or opening of any locks listed on this checklist requires posting an approved NSLS-II Safety System Work Permit******