Fermilab

Fermilab Material Balance Area (MBA) Custodians Designation & Responsibilities Form

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The purpose of MBA Custodians is to provide support to the Fermilab Nuclear Materials Control & Accountability (MC&A) Program and to serve as the eyes and ears of the Fermilab Nuclear Materials Representative (NMR) in areas for which they have been designated as MBA Custodians.

MBA Custodians are responsible for the following:

1. The MBA Custodian serves as an extension of the Fermilab MC&A organization by monitoring accountable nuclear materials in location(s) for which they have been designated.
2. Inform the NMR of any accountable nuclear material receipts, removals, or transfers into or out of their designated material balance area location(s).
3. With MC&A Program assistance, MBA Custodians conduct physical inventories of accountable nuclear materials in location(s) for which they are designated.
4. MBA Custodians ensure that accountable nuclear materials within their Material Balance Area location(s) are properly secured.
5. Inform the NMR of any abnormal or emergency situations involving accountable nuclear materials within their designated material balance custodial area.

MBA Custodian Printed Name: Tom Miller **FNAL ID number:** 13091N

MBA Custodian Location(s): Railhead Fenced Area – Deuterium storage

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: T. J. Miller Date: 2-4-2020

Nuclear Materials Representative Approval: Kathy Graden Date: 2/10/2020

Senior Radiation Safety Officer Approval: Mark Q— Date: 2/17/20

Chief Safety Officer Approval: [signature] Date: 2/24/20

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MBA Custodian Printed Name: Dan Curatolo **FNAL ID number:** 15611N

MBA Custodian Location(s): Site 40 and RPCF

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: Daniel J Curatolo Date: 2-5-20

Nuclear Materials Representative Approval: Kathy Gradoville Date: 2/10/2020

Senior Radiation Safety Officer Approval: Mark Quinn Date: 2/17/20

Chief Safety Officer Approval: [signature] Date: 2/24/20

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MBA Custodian Printed Name: Peter Simon **FNAL ID number:** 02972N

MBA Custodian Location(s): DZero Assembly Building (DAB) and fenced area behind DAB – Depleted uranium (DU) in DZero calorimeter and DU in test cryostat in outdoor fenced area

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: Peter S Simon Date: 2/18/2020

Nuclear Materials Representative Approval: Kathy Graden Date: 2/20/2020

Senior Radiation Safety Officer Approval: Matt Quinn Date: 2/21/20

Chief Safety Officer Approval: [signature] Date: 2/24/20

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MBA Custodian Printed Name: David Hockin **FNAL ID number:** 6020N

MBA Custodian Location(s): ME7 North

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: Dil Hock Date: 02/04/2020

Nuclear Materials Representative Approval: Kathy Grader Date: 2/10/2020

Senior Radiation Safety Officer Approval: Mark O— Date: 2/17/20

Chief Safety Officer Approval: Date: 2/24/20

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MBA Custodian Printed Name: Rick Tesarek **FNAL ID number:** 12680N

MBA Custodian Location(s): NM4 – Hadron calorimeter

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: Richard J Tesarek Digitally signed by Rick Tesarek, US
Date: 2020.02.12 12:43:06 -06'00'
Date: 2/12/2020

Nuclear Materials Representative Approval: Kathy Graden Date: 2/12/2020

Senior Radiation Safety Officer Approval: Mark Gi Date: 2/17/20

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MBA Custodian Printed Name: John Ellsworth **FNAL ID number:** 48464N

MBA Custodian Location(s): ME7 North

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: John Ellsworth Date: 4-18-2023

Nuclear Materials Representative Approval: Kathy Graden, UID:graden Digitally signed by Kathy Graden, UID:graden Date: 2023.04.18 15:27:05 -05'00' Date: 4/18/23

Senior Radiation Safety Officer Approval: Matthew Quinn, UID:mquinn Digitally signed by Matthew Quinn, UID:mquinn Date: 2023.04.26 08:19:20 -05'00' Date: 4/26/23

Chief Safety Officer Approval: Amber Kenney, UID:tamber Digitally signed by Amber Kenney, UID:tamber Date: 2023.04.27 17:45:39 -05'00' Date: 4/27/23

This form serves as designation and training documentation for above named MBA Custodian.

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MBA Custodian Printed Name: John Ellsworth **FNAL ID number:** 48464N

MBA Custodian Location(s): Depleted uranium in storage at ME7 North and NM4 Enclosure

As an MBA Custodian designated for the location(s) listed above, I understand and will comply with Material Balance Area Custodial responsibilities as stated in this form.

Designated MBA Custodian Signature: John Ellsworth Date: 12-15-2023

Nuclear Materials Representative Approval: Kathy Graden, UID:graden Digitally signed by Kathy Graden, UID:graden Date: 2023.12.18 11:06:44 -06'00' Date: 12/18/2024

Senior Radiation Safety Officer Approval: Matthew Quinn, UID:mquinn Digitally signed by Matthew Quinn, UID:mquinn Date: 2024.01.09 12:51:45 -06'00' Date: 1/9/2024

Chief Safety Officer (Interim) Approval: Marc Clay, UID:mclay Digitally signed by Marc Clay, UID:mclay Date: 2024.01.16 15:17:53 -06'00' Date: 1/16/2024

This form serves as designation and training documentation for above named MBA Custodian.