

# Running Condition MTA

September 28, 2020

Area RSO

Sue McGimpsey

**Mode of Operation** Beam to MTA Experimental Hall and Beamline Stub

<b>Beam Limits</b>	<b>Beam Energy</b>	<b>ASE Limit</b>	<b>Operating Limit</b>
	400 MeV	2.11E16 protons/hr	2.7E15 protons/hr

**Critical Devices** E:UHB03 and E:UBS01

**Enclosures Protected** MTA

**Preferred Monitoring Devices\*** Intensity is monitored via E:UTR01

\*Other methods of monitoring intensity may be used.

## Requirements

**Access Devices** E:UHB03 and E:UBS01 must be disabled to access MTA.

**Cool Off Period** None

**Special Interlocks** The CDC Inputs including failure mode devices may all be found on the Safety System Status pages.

**Special Concerns** Any work performed on critical devices or obtaining a critical device key requires prior RSO approval.

**Gates, Fencing and Passive Shielding Requirements** There is no access to radiologically fenced areas without prior RSO approval. The shield wall between the MTA and Linac enclosure is required during operation. Shielding, fencing and posting are in accordance with 2020 "Shielding Assessment Document for the MeV Test Area at the Fermilab Linac Endstation". Routine access to the Radiation Areas by Radiological Worker trained personnel is permitted during beam operations. All penetrations and movable shielding must be locked with a PAD 118.

Assigned RSO approval also signifies that all necessary Interlock Tests have been completed and Removable Shielding is installed.

**Ops. Dept. Head Approval** \_\_\_\_\_ **Assigned RSO Approval** \_\_\_\_\_

**Sys. Dept. Head Approval** \_\_\_\_\_ **AD Head Approval** \_\_\_\_\_

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## Operational Comments

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MCR must be appropriately staffed according to the Accelerator Safety Envelope.



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## Operator Signatures

Crew Chiefs

Crew A

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Crew B

Crew C

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Crew D

Crew E

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Other

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