<b>Fermilab</b> Running Condition MTA								
		September 28, 2020						
	Area RSO	Sue McGimpsey						
Mode of Operation	Beam to MTA Ex	perimental Hall and Beamline Stub						
Beam Limits	Beam Energy 400 MeV	ASE Limit 2.11E16 protons/hr	<b>Operating Limit</b> 2.7E15 protons/hr					
Critical Devices	E:UHB03 and E:UBS01							
<b>Enclosures Protected</b>	MTA							
Preferred Monitoring Devices*	Intensity is monitored via E:UTR01							
*Other methods of monitori	ng intensity may be used.	Requirements						
Access Devices	F.UHB03 and F.UBS	301 must be disabled to access MTA.						
Access Devices	E.OTID05 and E.OD5	of must be disabled to access with.						
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.								
			Assigned RSO Approval					
Sys. Dept. Head App	oroval	Page 1 of 4	ADAP-11-0001					



## Running Condition MTA

September 28, 2020

Area RSO

Sue McGimpsey

## **Operational Comments**

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

**辈** Fermilab

## Running Condition MTA

September 28, 2020

Area RSO

Sue McGimpsey

## **Instrument Information**

Interlocked detectors are limited to 10 trips per hour. RSO approval is required if there are more than 10 interlocked detector trips in an hour. All interlocked detector trips and RSO approvals to reset, if required, shall be documented in the MCR E-log.

MUX		Location	QF	R/I Mode	Trip Level	CDC	Device(s) Tripped
2-045	CH	MTA Berm	5	Intergrate	50mrem/hr	L:MUCDC	E:UHB03 & E:UBS01
Note: QF	only included	for chipmmunks					

<b>‡ Fermilab</b>	Running N	g Condition //TA							
Area RSO		ber 28, 2020 IcGimpsey							
Operator Signatures									
Crew Chiefs			Crew A						
Crew B			Crew C						
Crew D			Crew E						
	C	Other							