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| FRIB Tour Safety Checklist | | | | |
| Primary Tour Guide: Tour Group: Date: | | | | |
| Tour Type (Please circle): Business-Related Educational WCP-ID: | | | | |
| Tour Route Stops (please circle):  Front End (1633) Rack Room (1624) Target Facility (B605) \*Linac Tunnel (SB608)  Cryo Control Room (2616) Commissioning Control Room (Trailer #9) | | | | |
| Operating Conditions Attended Details Initials | | | | |
| 8:00 am NSCL Coordination |  |  | |  |  |  |  |
| 8:10 am FRIB Commissioning |  |  | |  |  |  |  |
| Hazards Acceptable Details Initials | | | | |
| Ambient Conditions   * Ventilation and temperature * Sound level * Lighting * Temperature extremes * Oxygen Deficiency Hazards |  |  |  | |
| Material Handling   * Bridge crane operating * Overhead work * Forklift use * Bulk material handling * Overloaded storage spaces/racks   \*Unsafe or unstable storage |  |  |  | |
| Electrical and Stored Energy Safety   * Open energized electrical enclosures * Magnetic field hazards |  |  |  | |
| Housekeeping   * Floor damage or openings * Egress path obstructions * Aisle widths adequate (>36”) * Liquid or material spills * Clutter - tripping hazard |  |  |  | |
| Physical Hazards   * Unguarded accessible moving parts * Construction related work |  |  |  | |
| Fall Protection   * Overhead openings - dropped materials * Lack of guardrails * Open stairs |  |  |  | |
| Emergency Response  \*Egress path blocked |  |  |  | |
| Chemical Safety   * Open flammable or toxic materials * Is there appropriate warning signage for areas containing chemicals? |  |  |  | |
| Radiation Safety  \* Measured exposure rates along the tour route must be low enough to ensure that a dose of no more than 2 mrem in an hour will be obtained. Exposure rates less than 2 mR/hour will ensure this (this assumes the tour lasts less than an hour). Use an Ion Chamber from the cabinet near control room.  Model number: Serial number:  Background reading: mR/hr |  |  |  | |

**\*Linac Tunnel (S608) – Deputy Laboratory Director approval required** \_\_\_\_\_\_\_\_

**\*Linac Tunnel (S608) – Complete FRIB Tunnel Tour Checklist (T30102-FM-000231)**

Tour escorts are to ensure that participants:

* Wear appropriate PPE (vest, safety glasses, hard hat)
* Are briefed on compliance to safety, egress, and video/photo postings
* Remain in your sight for the duration of the tour

**Primary Tour Guide Signature:­­­­­­­­­­­­­­­­**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_