

Tours at DØ

Since the DØ Assembly Building is a working area, all visitors entering the DØ Assembly Building must either have valid Fermilab IDs, or be escorted by personnel with a valid Fermilab ID. The DØ tour coordinator (currently Stefan@fnal.gov) should be notified in advance regarding tours at DØ, and each tour requires prior approval of the DØ run coordination team (d0rc@fnal.gov).

Escorts are responsible for insuring that all required approvals have been obtained. Escorts must be familiar with the hazards in the area, and ensure that the tour group complies with all applicable requirements. Note that the hazards may be changing more rapidly than during collider operations due to decommissioning activities and support of other detector developments.

Tour groups are restricted to the south DAB catwalk, the hi-bay overlook area (just beyond the third floor elevator lobby), the DØ visitor area (north sidewalk accessible from the first floor) and the DØ control room, unless prior approval to visit other areas has been obtained. Tour groups passing through the high bay should remain in the green aisle ways and be alert to any rigging or loading activities that might be underway.

There must be a minimum of one qualified escort per 20 visitors.

Tours with more than 20 visitors or tours with any visitors under the age of 18 must be approved by the PPD Senior Safety Officer (currently EMcHugh@fnal.gov), or designee. If the proposed tour path includes entry into any area posted for radiological purposes (including a radioactive materials area such as the collision hall) and includes anyone under the age of 18, prior approval of the Fermilab Senior Radiation Safety Officer (currently Grossman@fnal.gov) is also required.

For entry into the collision hall or any other area posted for radiological purposes, including Radioactive Materials Areas or Radiological Areas, prior DØ run coordination approval (d0rc@fnal.gov) and PPD Radiation Safety Officer approval (currently NDuff@fnal.gov) is required. Tour groups in the collision hall should be small (less than 10 people). Proper protective equipment (closed toed shoes and hard hats) are required for access to the collision hall. The escort must be qualified to access the collision hall, be familiar with the collision hall and its hazards, and follow all requirements specified in the collision hall access procedures. Entry into the platform area, the cathedrals or the muon trusses requires explicit approval of the DØ Run Coordination team.

Contact d0rc@fnal.gov for additional details or updates related to this matter.

References:

The Particle Physics Division requirements for tours of experimental areas are posted at the following link:

http://www-ppd.fnal.gov/DivOffice/Administrative_Procedures/PPD_ADMIN_005Tours.pdf

The Fermilab ES&H chapter 11010 on access control is available via the following link:

<http://esh-docdb.fnal.gov/cgi-bin/ShowDocument?docid=436>

Sections of the Fermilab Radiological Control Manual article 931 and particularly 941 detail requirements for tours and are available via the following link:

<http://esh-docdb.fnal.gov/cgi-bin/RetrieveFile?docid=451>

The definition of a radiological area is available in the Fermilab Radiological Control Manual glossary available via the following link:

<http://esh-docdb.fnal.gov/cgi-bin/ShowDocument?docid=473>

The collision hall access procedures are posted at the following link:

http://d0server1.fnal.gov/Projects/UpgradeProject/Run_II_Procedures/D0-SAFETY-BLDG-008.pdf