

Experimental Safety Assessment Document (ESAD)
For Hall A Experiment E06-007
January 20, 2008

The E06-007 Experiment on “Impulse Approximation limitations to the (e,e’p) reaction on ^{208}Pb , identifying correlations and relativistic effects in the nuclear medium “ is scheduled to run in Hall A from Jan 20 through Jan 24, 2008.

Specifically, the experiment will use:

- The standard Hall A beamline
- Isotopic pure ^{208}Pb and ^{209}Bi metal foil targets, and various solid targets for optics calibrations, as described in the Hall A OSP.
- The two High Resolution Spectrometers (HRS) in the standard angle range, above 12.5 degrees, as described in the Hall A OSP, and
- Standard HRS detector packages, as described in the Hall A OSP.

The E06-007 experiment is fully compatible with the base equipment in Hall A