

**EXPERIMENTAL SAFETY ASSESSMENT DOCUMENT (ESAD)
FOR HALL A E06-014**

JANUARY 05, 2009

The JLab experiment known as E06-014 entitled "Measurement of the Neutron d_2 : Towards the electric χ_E and magnetic χ_B Color Polarizabilities" is scheduled to run in Hall A from February 09 to March 11, 2009. The experiment is compatible with the base equipment of Hall A and will use the following:

- the standard Hall A beamline
- the polarized ^3He target system as described in the Hall A OSP
- The left High-Resolution spectrometer (HRS) and its standard detector package for detecting electrons, as described in the Hall A OSP.
- the BigBite spectrometer and its electron detector system, as described in the BigBite OSP.