

Job Hazard Analysis (JHA)

PPPL Procedure ESH-004 provides an important tool to help identify existing and potential workplace hazards, and to find ways to control these hazards.

Most (if not all) of the worker injuries experienced at PPPL over the past years were arguably preventable with a thorough analysis of the possible hazards.

Per ESH-004, A JHA should be performed for any job with potential hazards, when new hazards are introduced into an existing job, or when line supervision or workers think a JHA (or JHA update) would be useful

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The need for safety controls/equipment such as LO/TO, Confined Space Permits, PPE, Flame Permits, etc should be addressed in a JHA no matter how minor the task.

In the upcoming NCSX Work Permit System, JHA's will be required for all test cell work requiring tools.

The JHA should not be thought of as a permit to perform work, but rather a tool to help identify and control hazards.

As such, the real value of the JHA is in the review with staff performing the work. Mark-ups and updating of the JHA in the field at the beginning and during a job should be encouraged.