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| **THA Author:** | Marcy Stutzman |
| **Date:** | 4/23/08 | **Task #:** |  | **Frequency of use:** | Frequently |
| **Complete all information. Use as many sheets as necessary** |

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| **Task Location:** | EEL118, Test cave, Inj Tunnel | **Task Title:** | Baking vacuum systems |
| **Division:** | ACC | **Prepared by:** | Marcy Stutzman |
| **Department:** | CIS | **Reviewed by (employee):** |  |
| **Supervisor:** | Matt Poelker | **Approved by:** |  |
| **Standard Requirements:****(PPE, TOSPs, SOPs, etc.)** |  |

| **Sequence of Job Steps** | **Potential Hazards** | **Risk Code****before mitigation** | **Proposed Mitigation** **Safe Procedures/Practices/Controls** | **Risk Code****after mitigation** |
| --- | --- | --- | --- | --- |
| Insulate vacuum chamber for bake | Fiberglass inhalationLifting oven panels | 1 | Appropriate respirator and respirator training if loose fiberglass insulation is usedProper lifting technique: lift with legs, do not twist during lift, use carts as appropriate to transport oven panels | 1 |
| Taping gaps to maintain heat | Cutting tape, odor | 1 | Put tape in low heat areas where possibleCharcoal air purifier if odor is a problemUse care with cutting tools | 0 |
| Wrap heat tapes or turn on heater | Hot surfacesElectrical shorts with heat tape | 1 | Post proper signage to notify others of hot surfaces, and avoid touching with bare skinAlways use heat tapes with a GFCI outlet to protect in event of electrical short | 0 |
| Remove corrector magnets, disconnect solenoids on gun NEG tubes | Shock hazard from Magnet power supplies | 1 | Ensure that Magnet power supplies are set to zero before removing magnet power connectors | 0 |

When completed if the analysis indicates that the Risk Code before mitigation for any of the steps of this task is “medium” or higher (RC≥3), then develop a formal Work Control Document (WCD) (See [ES&H Manual Chapter 3310 Work Control Documents](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-16134)) for the task, attach this THA, have it reviewed and approved prior to beginning the work in accordance to [ES&H Manual Chapter 3310 Work Control Documents](https://jlabdoc.jlab.org/docushare/dsweb/Get/Document-16134).