|  | **JOB SAFETY ANALYSIS** | | |
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|  | Safety Information for the University of California, Berkeley | | |
|  | **Facilities Services** | | |
|  | **Lab Hood Repair** | | |
|  | **TASK HAZARDS CONTROLS** | | |
|  | Check the surrounding area for hazards  (Lab is responsible to keep area safe) | Slip and Trip Hazards  Lab hazards  Toxic materials  Carcinogens  Radiation hazards  Spilled Chemicals  Chemical Irritants | Be aware and identify possible hazards.  Notify the lab department prior to repairs.  Inspect the hood and surrounding area for chemical spills, slip or trip hazards and report any findings of hazards to the lab department for cleanup or removal.  Follow guidelines from Lab Safety Training.  Do not touch unknown liquids or material.  Coordinate with the Lab Manager prior to service. Request that the hoods to be serviced are clear of hazardous materials and chemicals / waste are stored properly.  Find out what materials are used in the hood.  Hoods that were used for dermal contact hazards, corrosives, acutely toxic substances, Cal/OSHA regulated carcinogens, radiation hazards, or perchloric acid must be cleared for work by EH&S prior to repairs.  No work to be performed until hazards are cleared! |
|  | LOTO all power sources to the hood prior to any electrical/mechanical repairs. | Electrical shock or electrocution. | Perform LOTO according to manufacturer’s recommendations or equipment specific procedures.  Disconnect power and bleed/block off any areas or equipment that may result in inadvertent movement.  Place locks and tags on appropriate lock out points.  Wear insulated gloves if necessary.  Test the equipment to ensure LOTO was successful.  Conduct group LOTO if more than 1 person is working on the equipment. |
|  | Perform work on lab hood | Fall from Ladders  Pinched skin, smashed fingers, cuts  Lab hazards | Select appropriate ladder for the job  Use aerial lifts, scaffolds, or other equipment as needed  Inspect the ladder before use  Use according to manufacturer’s recommendations  Use 3 points of contact while climbing up and down  Training on ladder safety  Open A frame ladders all the way and lock in place  Be aware and identify possible hazards  Identify any pinch points such as sash doors and cables.  Wear appropriate gloves  Same as above  Wear gloves and safety glasses  N95 recommended |
|  | Any lab hood ductwork repairs see: Lab Hood Exhaust Ductwork Repair JSA |  |  |
|  | **Required Training:**  LOTO PPE  Ladder Safety Lab Safety | **Personal Protective Equipment (PPE)**  Rubber/Nitrile gloves  Safety glasses  N95 recommended | |
| **Other Information:** |  | | |
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|  | For more information about this JSA, contact the Department Safety Coordinator. | | |