|  | **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 HazardsLab hazardsToxic materialsCarcinogensRadiation hazardsSpilled ChemicalsChemical 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 LaddersPinched skin, smashed fingers, cutsLab hazards  | Select appropriate ladder for the jobUse aerial lifts, scaffolds, or other equipment as neededInspect the ladder before useUse according to manufacturer’s recommendationsUse 3 points of contact while climbing up and downTraining on ladder safetyOpen A frame ladders all the way and lock in placeBe aware and identify possible hazardsIdentify any pinch points such as sash doors and cables.Wear appropriate glovesSame as aboveWear gloves and safety glassesN95 recommended |
|  | Any lab hood ductwork repairs see: Lab Hood Exhaust Ductwork Repair JSA |  |  |
|  | **Required Training:** LOTO PPELadder Safety Lab Safety | **Personal Protective Equipment (PPE)**Rubber/Nitrile glovesSafety glassesN95 recommended |
| **Other Information:** |  |
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|  | For more information about this JSA, contact the Department Safety Coordinator. |