# Purpose

The Energy Innovation Center is committed to the safety and health of its employees by prohibiting the infection and spread of bloodborne pathogens. Therefore, the following Bloodborne Pathogens Safety Program is presently in effect and regular review takes place to assure effectiveness.

# Scope

The EIC has implemented this plan to ensure that employees exposed to bloodborne pathogens in the workplace are properly trained to identify and protect against known hazards. A copy of this Exposure Control Plan will be maintained as part of the Safety Manual.

## Reference Standard

OSHA 29 CFR § 1910.1030

[Clemson University Exposure Control Plan](https://cufacilities.sites.clemson.edu/documents/envSafety/Exposure%20Control%20Plan)

# Procedure

Occupational exposure is contact with blood or Other Potentially Infectious Materials (OPIM’s) during the performance of an employee’s duties. All employees who engage in activities where exposure to blood or other potentially infectious materials is reasonable, is considered to have occupational exposure to bloodborne pathogens. This program is for the employees who have completed the 1st aid / CPR / AED training and are expected to respond if there is a medical emergency at the EIC.

In order to prevent exposure, personal protective equipment will be available at all times to employees who are required to handle potentially hazardous material, perform first aid procedures, or perform duties which may bring an employee into contact with infectious material. The exposure determination is complete without regard to the use of personal protective equipment.

Employees who are at risk of occupational exposure to bloodborne pathogens, or OPIM’s, is given the opportunity to participate in the hepatitis B vaccine program. The vaccine is offered free of charge to all exposed employees and will be reimbursed for any costs incurred when their medical plan is used. Employees have the right to refuse this vaccine. If the vaccine is declined by the employee, the “Hepatitis B Vaccination Series Declination Form” attached to this program must be completed and signed by the employee. The declination form will be kept by HR without being a medical record.

All body fluids will be considered potentially infectious under this program and universal precautions will be practiced at all times. The EIC will provide either an appropriate soap hand cleanser in conjunction with cloth/paper towels or wet towelettes. All employees are encouraged to use the locker and restroom when needed. Hand washing and disinfecting supplies can also be accessed at various wash basins and lab sinks.

Proper waste removal is expected for blood stained bandages or OPIM’s. Leak-proof bags are necessary for handling and disposing contaminants. All equipment or environmental surfaces are to be cleaned and decontaminated after contact with blood or other infectious materials. Any injury must be reported immediately to a supervisor. Personnel will be restricted from the area where the injury occurred until it is determined that no threat of infection is present, or until properly trained personnel can dispose of any infectious material.

Engineering and work practice controls will also be used to eliminate or minimize employee exposure. First aid responders are trained in universal precautions and the use of personal protective equipment (PPE) while administering first aid. PPE, such as gloves and masks are provided to our employees at no cost to them. This equipment is contained in the first aid kits located in designated areas. The EIC will provide training in the use of appropriate PPE for specific tasks or procedures.

# Training Requirement and Recordkeeping

New employees will be provided awareness training in bloodborne pathogens as part of the general safety orientation. For employees who have exposure potential as part of administering first aid, annual training will be provided with the first training given by an instructor. Online training can be completed after the initial in-person training.

For each employee with occupational exposure, the employee’s health care provider will maintain exposure records in accordance with OSHA 29 CFR 1910.1030 and HIPAA laws. The EIC will not retain medical records regarding results from an exposure incident, vaccination results or other medical records resulting from an exposure incident. The EIC will make available the Hepatitis B vaccine to all employees that have a potential for occupational exposure at no cost to the employee(s).

# Revision History

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| Revision | Date | Summary of change | Author | Approver |
| A | 12/15/2020 | Initial issue | Kurt Rayburg |  |
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