

OPEN FLAME PERMIT APPLICATION

The use of open flames in Kaka'ako Biosciences Building Laboratories is strongly discouraged by the University of Hawaii Environmental Health and Safety Office. Every effort shall be made to find alternatives to using open flames (electric sterilizers, disposable supplies, etc.). In the event that alternatives have been tried and are not successful for your type of work, you may submit this Open Flame Permit Application for the temporary use of open flames. Once completed, fax or mail this form to JABSOM EHSO for approval (Fax: 692-1957 or Campus mail to BSB 112).

Required Information:

Name: _____

Email: _____ Phone Number(s): _____

Building/Lab Room number where the flame will be used: _____

Date(s) of activity: _____

How many flames/burners would you need? _____

Type(s) of gas you will be using: _____

Amount of gas you will have in your lab if approved: _____

Have you completed EHSO Fire Safety & Extinguisher Training; when? _____

What alternatives to open flames have you investigated and/or tried? _____

Why did these not work for you? _____

Applicant: _____

Signature

Date

EHSO: _____

Signature

Date

Approved *Date permit expires:* _____

Disapproved

Additional comments or requirements:

RESTRICTIONS

Reasons – You will not be granted approval if you have not tried ALL available alternatives. Most times, sales vendors are willing to work with you to find an alternative to open flames so please contact them if you need assistance. You can also contact EHSO or other lab occupants for suggested alternatives.

Location – A physical inspection of your lab will be done prior to approval to ensure that there are no flammable liquids or flammable gases where the flame will be used. Reminder: Open flames cannot be used within 25 feet of any Oxygen cylinder.

Materials – Note that there may be additional costs for disposal of empty gas cylinders. These costs may even be more expensive than purchasing disposable supplies.

Attendance – Any open flames shall be constantly attended to until the flame is extinguished and all gas valves are closed.

Fire Suppression – The person that is submitting this application must have completed EHSO Fire Safety and Fire Extinguisher training prior to approval. Contact JABSOM Health & Safety Office (692-1854) for training information and schedule.

I have read these restrictions. I understand them and agree to abide by them to the best of my ability.

Applicant: _____
Signature Date

REQUIRED PRECAUTIONS CHECKLIST

Please check to verify compliance:

- I have ensured that all flammable materials are stored properly and away from open flame work area.
- Before starting open flame work, I will notify all lab occupants of when and where I will be working with open flames so they will not transport or manipulate flammable material in the vicinity or same lab space.
- All hot work equipment has been examined and ensured it is in a safe operating condition.
- Appropriate PPE/clothing is worn (non-combustible materials, non- exposed cuffs or pockets)
- I have submitted the MSDS to EHSO for the gas that is being used.
- All gas cylinders have been properly secured.
- The valves on all gas cylinders will be closed when not in use.
- All wall and floor openings have been covered.
- The open flame work area is clear of combustibles or combustibles are protected.
- Floor of open flame work area is kept clean and free of clutter (11 meter or 35 ft radius).
- Fire extinguisher is fully charged and operable, and nearest location is known.
- Nearest fire alarm pull station location is known.
- There is ample ventilation to remove smoke/vapor from work area.
- A 30 minute observation period of the work area shall be maintained following completion of hot work operations in order to ensure no smoldering fires.

I verify that I have ensured the precautions checked on the Required Precautions Checklist.

Applicant: _____
Signature Date