

Standard Operating Procedures # 11

Lab Name: J.L. Bryan Fire Laboratory

Lab Location: Building: JM Patterson Building Room #: 3216

Laboratory director: Michael J. Gollner Page 1 of 1

1. Process:	Operation Of Pulsating Co-Flow Burner
2. Hazards:	Facility: Open Flame, Smoke Flammable gas: Propane
3. Personal Protective Equipment:	Heat resistant gloves, safety glasses
4. Engineering \ Ventilation Controls:	Only use the burner with exhaust ventilation.
5. Special Handling Procedures Storage Requirements:	Always start with minimal flow rate and be sure igniter is placed at outlet. Be sure to shut off propane and close all valves and cover burner to protect mass flow controller from humidity/water after operation.
6. Spill containment/ Accident Procedures:	Stop work if any abnormalities are observed in the mass flow controller or propane tank
7. Waste Disposal	Waste from experiments should be disposed of properly
8. Required Approvals:	Lab workers must be trained by lab manager in proper use of the propane tank and mass flow controller. Any deviation from this SOP must be approved by the PI and/or lab manager.
9. Decontamination:	No need for any decontamination.
10. Designated Areas:	Any area with appropriate ventilation clear of other flammable materials