

Standard Operating Procedures # 2

Lab Name: Koffel Laboratory

Lab Location: Building: J.M. Patterson (083) Room #: 3229

Laboratory director: Andre V. Marshall Page of

1. Process:	Operating of Cone Calorimeter.
2. Hazards:	Compressed gases: Methane, Nitrogen. Facility: high temperature heater, open flame, high voltage spark, smoke.
3. Personal Protective Equipment:	Heat protective gloves.
4. Engineering \ Ventilation Controls:	Do not operate without exhaust ventilation on.
5. Special Handling Procedures Storage Requirements:	Close valves and relieve on cylinder regulators are not in use. Valve handles must be in place when cylinders are in use.
6. Spill containment/ Accident Procedures:	Stop work if any gas leakage, close the cylinder's valve and notify lab manager.
7. Waste Disposal	All hot samples should be place in special metal can.
8. Required Approvals:	Lab workers must be trained by lab manager in proper use of the compressed gas and heat. Any deviation from this SOP must be approved by the lab manager.
9. Decontamination:	Need not any decontamination.
10. Designated Areas:	Not applicable.