

EGIL Protocols and Safety

Rev. 1.0

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The rules described herein are set forth by the Electric Guitar Innovation Lab, and are to be adhered to for all EGIL-related projects, whether working within Reilly G11D or elsewhere. A list of authorized users, trained per the described rules, is found on the last page of this document.

1. General

- 1.1. Do not remove materials from the lab without written notice to and subsequent approval from VJ Manzo (vjmanzo@wpi.edu).
- 1.2. Do not leave personal materials (items not associated to an in-progress project) in the lab space, Reilly G11D.
- 1.3. If tools are damaged during use, or found to be damaged or non-functional, please notify Ryan McKenna (rpmckenna@wpi.edu) as soon as possible.

2. Soldering Irons

- 2.1. Do not use under the influence of drugs or alcohol
- 2.2. Always return iron to the metal holder
- 2.3. Use a fume extractor when possible
- 2.4. Always unplug the soldering iron and soldering station when not in use

3. Pickup winder

- 3.1. Do not use if alone in the lab
- 3.2. Do not use under the influence of drugs or alcohol
- 3.3. Unplug when not in use
- 3.4. Do not wear loose-fitting necklaces or clothing while using winder
- 3.5. Do not wear rings or bracelets when using winder
- 3.6. Do not wear gloves when using winder
- 3.7. Tie up long hair or wear hat when using winder
- 3.8. Wear safety glasses when using winder
- 3.9. **To turn on winder:** place one hand in your pocket, and use the other to turn on the switch. This mitigates the risk of inadvertently placing your free hand on a part that may become energized or start to move.

4. Dremel, Power Drills, Drill Press

- 4.1. Do not use if alone in the lab
- 4.2. Do not use under the influence of drugs or alcohol
- 4.3. Unplug when not in use
- 4.4. Tie up long hair or wear hat when using
- 4.5. Do not wear gloves when using Drill Press (OK to use gloves with dremel)
- 4.6. Wear safety glasses when using Dremel

5. Tube Amps

- 5.1. **To turn on:** Turn Master Volume all the way down, Turn "AC Power" ON, let sit for 1 min, then turn "Standby" to PLAY. Slowly increase Master volume to appropriate level
- 5.2. **To turn off:** Turn "Standby" to MUTE, then turn "AC Power" OFF

Revision History

Revision	Date	Description	Author
2021-02-15	February 15, 2021	Initial Release	Ryan McKenna