Week 16 Report

Group 1
Group Members: Julie Solomon, Kate Kimbell, Maggie Ruding
Client: Rex Clingan

Project Status:
Before leaving for the winter break, Kate visited the client, Rex Clingan, to pick up more resources for building the initial prototype. Kate and Rex discussed progress and began considering options for verification and validation including working with Beleaf for testing with industrial hemp. Group members met with Professor Klaesner on 1/16/18 to discuss challenges for building the prototype and completing the verification and validation as well as resources available to help overcome these concerns. The group discussed concerns with software development due to a minimal background in coding. Professor Klaesner offered himself as a resource for helping with the software development as well as the physical Arduino boxes available through Patricia Widder. The group also talked about concerns with how to quantify certain aspects of the verification and validation process. Professor Klaesner explained options for breaking down the process into smaller parts in order to verify each individual part.

Next Steps: Organize our resources for initial prototype development. Acquire a stand to support the extraction chamber backbone. Contact Beleaf about testing with industrial hemp for verification and validation.