Current page(s) of operating plan or supplemental operating plan being amended.

Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

Section 2 – Prohibitions

Applicants should review 3 AAC 306.510 and be able to answer "Agree" to all items below.

The marijuana product manufacturing facility will not:	Agree	Disagree
Sell, deliver, distribute, or transfer any marijuana, marijuana concentrate, or a marijuana product directly to a consumer, with or without compensation	■	☐
Allow any person, including a licensee, employee, or agent, to consume marijuana, marijuana concentrate, or a marijuana product on its licenses premises	■	☐

The marijuana product manufacturing facility will not manufacture or sell any product that:	Agree	Disagree
Is an adulterated food or drink	■	☐
Closely resembles a familiar food or drink item including candy	■	☐
Is packaged to look like candy, or in bright colors or with cartoon characters or other pictures or images that would appeal to children	■	☐

Section 3 – Equipment, Compounds, and Processes to be Used

Review the requirements under 3 AAC 306.555, and identify how the proposed premises will meet the listed requirements.

Describe the equipment and solvents, gases, chemicals, and other compounds the marijuana product manufacturing facility will use to create marijuana concentrates:

Solvent used by the botanical extraction machine will be CO2. Alcohol will be used as a cleaning solvent for this machine. The device itself is a closed loop, 5L botanical extractor. Same used in the cosmetics industry for fragrance and make-up production.
*see attached diagram on next page

Alcohol is also used as a solvent in the winterization process to further remove any remaining plant material the extraction machine left behind. Through use of a laboratory vacuum oven nearly all traces of these solvents are removed. Any trace elements will be tested for and noted on product labeling.

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Describe the processes to be used to create marijuana concentrates:

Marijuana products purchased by Top Hat Concentrates, LLC for purpose of extraction must be state tested before purchase and the $15 per oz state tax paid. Upon arrival of tested product, it is weighed and logged into the Metrc system. From there up to 5lbs of material is placed into the canister on the closed loop Co2 extractor. The extraction machine uses the compressed CO2 gas to remove the cannabinoid crystals from the cannabis plant material. This process takes anywhere from 6-8 hours on the fully automated machine. From there 5-8 ounces of raw extracted cannabinoids are released from the final product canister. This product is then frozen and placed into the vacuum oven to remove any remaining trace Co2.

If shatter or vapor cartridges are being produced the extraction goes through a further process known as "winterization". This process uses a laboratory round bottom and alcohol to stabilize and remove any remaining plant material. After winterization the product is placed in a low tempurature (90-110 degrees F) vacuum oven to remove any remaining CO2 or alcohol. What's left is an almost clear substance that is cleaner and easily combined with state allowed mediums as described in section 3 AAC 306.555.