Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
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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:

Dry Sift Hash: Fine stainless steel or nylon mesh screens will be used in the production of dry sift hash - cylinders that will be rotated with a small motor and flat screens that will be manually sifted. A food mill may be used to grind plant material into a powdered consistency prior to sifting.
Rosin: The production of rosin utilizes heat-resistant nylon bags and heated metal plates attached to a hydraulic press.
Bubble Hash: Bubble hash is a solvent-less extraction process that uses food grade plastic containers, nylon mesh screens, an ice machine, chest freezers and dry ice.
Butane Hash Oil: closed loop hydrocarbon extractor, butane, N-butane, Iso-butane, ethanol and a Vacuum oven
Shatter: a closed loop machine or ethanol extractor, butane, N-butance, Iso-butane, ethanol, a vacuum oven and evaporator

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Describe the processes to be used to create marijuana concentrates:

Dry Sift Hash: Dried marijuana plant material will be finely ground either by hand or in a food mill. The ground marijuana will then be sifted either by placing it into a nylon mesh cylinder within a food grade plastic container rotated with a small electric motor, or by placing it on top of flat nylon mesh screens and manually sifting. Hash will then be collected and either stored in a loose, powdery state or pressed into “cakes” by hand or with a small hydraulic press.

Bubble Hash: Either ground marijuana or whole marijuana flower is put into buckets lined with mesh screens. Ice water or dry ice is then added to the buckets and the mixture is manually agitated. Once the ice melts, the screens are removed and the concentrate is manually separated from the screens.

Rosin: Marijuana plant material or hash will be placed into mesh bags. The bags will then be placed in parchment paper and then onto the press. The heat and pressure will move the cannabis oils (rosin) out of the nylon bags and onto the parchment paper where it will be collected.

Butane Hash Oil: The facility will utilize a closed loop extraction system where marijuana plant matter is combined with a solvent or combination of solvents (N butane, iso butane and/or ethanol) which causes the resin glands from the plants to be detached from the plant matter and suspended in the solvent solution. To remove wax and residual solvents, the solution is distilled and/or winterized, leaving behind concentrated cannabis. The concentrated cannabis is then placed into a vacuum oven for 1-10 days in order to achieve the desired finish for a particular marijuana concentrate product texture such as shatter, wax or oil.

Shatter: The oil is extracted using a closed loop machine or ethanol extractor, using marijuana flower and trim and one or a combination of the following solvents such as; butane, N-butane, Iso-butane, Ethanol. Once the oil is extracted, it will either be winterized or placed into a vacuum. The winterization process begins by dissolving the BHO in ethanol and then freezing. The BHO is then filtered using a vacuum and evaporator. Various heat adn temperature applications will result in shatter.

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