MJ-05
MANUFACTURING
SUPPLEMENTAL

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Alaska Marijuana Control Board

Operating Plan Supplemental
Form MJ-05: Marijuana Product Manufacturing Facility

What is this form?

This operating plan supplemental form is required for all applicants seeking a marijuana product manufacturing facility license and must accompany **Form MJ-01: Marijuana Establishment Operating Plan**, per 3 AAC 306.020(b)(11). Applicants should review **Chapter 306: Article 5** of the **Alaska Administrative Code.** This form will be used to document how an applicant intends to meet the requirements of the statutes and regulations.

If your business has a formal operating plan, you may include a copy of that operating plan with your application, but all fields of this form must still be completed per 3 AAC 306.020 and 3 AAC 306.520(3).

What additional information is required for cultivation facilities?

Applicants must identify how the proposed establishment will comply with applicable regulations regarding the following:

- Equipment, compounds, and processes to be used
- Waste disposal
- Testing procedure and protocols
- Proposed marijuana concentrates and marijuana products
- Proposed product packaging and sample labels
- Prohibitions

This form must be completed and submitted to AMCO's main office before any new or transfer application for a marijuana product manufacturing facility or marijuana concentrate manufacturing facility license will be considered complete.

Section 1 Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	DENALI FIRE BROWN LLC	**MJ License #:**	14619		
License Type:	PRODUCT MANUFACTURING				
Doing Business As:	DENALI FIRE EXTRACTS				
Premises Address:	6209 MIKE ST STE 2B				
City:	ANCHORAGE	**State:**	Alaska	**ZIP:**	99518

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the intake, flow, and transfer of marijuana, marijuana concentrate, and marijuana product at and from your premises:

Denali Fire Extracts is co-located in the same building as Denali Fire (Standard Cultivation #14073) and Alaska Weeds (Retail Store #14083), and will operate in tandem with these two licenses. Bulk Cannabis will be transferred from Denali Fire (on-site) or an outside Cultivation and stored in our secure facility, until such time it is to be extracted. The bulk cannabis will be processed through a closed-loop ethanol extractor, with the ethanol recovered through a Rotary Evaporator.

The post-processed vegetative manner will be disposed of in accordance with our approved operating plan. Bulk Cannabis Oil will be stored in our locked fridge until such time it can be post-processed into various marijuana concentrate products, packaged and stored securely in the facility.

Bulk cannabis oil will be processed with various equipment including but not limited to a drying oven, vacuum oven, short-path distillation, bubble bags, centrifuge, emulsifier and hydraulic press.

Pre-packaged marijuana concentrate products shall be transferred at wholesale level to either our on-site Retail Store or other licensed Retail stores through METRC. All products leaving the facility will be appropriate packaged, labeled, tagged and recorded, in accordance with AMCO regulations.

Section 3 – Equipment and Compounds to be Used

Review the requirements under 3 AAC 306.555.

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

Equipment:
Closed-Loop Ethanol Extractor, Rotary Evaporator, Vacuum Pump, Diaphragm Pump, Air Compressor, Chiller, Drying Oven, Vacuum Oven, Fridge, Freezer, Hydraulic Press, Short-Path Distiller, Purifier, Emulsifier, Blender, Clothe & Aluminum Sieves, Bubble Bags, and misc lab equipment/supplies.

Solvents:
Ethanol, CO2, Ice, Dry Ice, Water

Gases:
CO2, CO, LN2

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Section 4 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.1. The marijuana product manufacturing facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. E.L.

4.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including expired or outdated marijuana or marijuana product, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown or produced:

Denali Fire Extracts will ensure that all marijuana product waste is rendered unusable prior to leaving the facility. Management will maintain a log on the status of all marijuana product waste, tracking the type of waste, the date of disposal, the date it was rendered unusable, and the date that it was picked up by the disposal company or composted. All marijuana product marked for disposal will be stored in a secured container, separated from all other products and materials, until AMCO Enforcement has been notified and it can be rendered unusable. Once rendered unusable, marijuana product will be securely stored in locked containers located on the premises. All locks will comply with the highest UL standards. Only authorized personnel will have access to the keys that lock and unlock the disposal containers. A waste truck will collect the waste and dispose of it at the city solid waste facility.

Marijuana waste will be mixed with other compostable materials such as food waste vegetable oils, or non-compostable materials such as paper waste or cardboard. The mixture will be inspected by an employee of the facility to ensure it is no more than 50% marijuana waste.

To render marijuana unusable, the facility will incorporate the marijuana waste with either non-compostable or compostable solid wastes so that the resulting mixture is at least fifty percent (50%) non-marijuana waste. The facility will use paper waste, plastic waste, cardboard waste, soil, food waste, yard waste, and/or vegetable-based grease or oils. Management will ensure that the resulting mixture is composed of no more than fifty percent (50%) marijuana by volume, and will log the composition of the mixture, available to AMCO upon request. All marijuana waste will be secured in waste storage in a locked and secured bin, separate from all other marijuana products, storage, and non-marijuana waste, and will then be picked up by Anchorage Waste Management on a regular pick up schedule.

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Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.520 and 3 AAC 306.550.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right:	Initials
5.1. I will ensure that any individual responsible for collecting random samples for required laboratory testing under 3 AAC 306.550 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755.	E.L.

Answer "Yes" or "No" to the following question:	Yes	No
5.2. Will the marijuana product manufacturing facility be performing in-house testing (as defined under 3 AAC 306.990(b)(20)?	☐	☑

If "Yes" to 5.2, you must be able to certify the statement below. Read the following and then sign your initials in the box:	Initials
5.3. The area where in-house testing will occur is clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application.	

5.4. Describe the testing procedures and protocols the marijuana product manufacturing facility will follow:

Denali Fire Extracts shall provide a sample of each product manufactured at the facility to a licensed marijuana testing facility and will not sell or transport a marijuana product until all lab testing required under 3 AAC 306.645 has been completed. The protocol that will be followed shall include: 1) Collecting a random sample for testing by selecting a product from each production lot in an amount required by the testing facility; 2) Designating a Manager or Licensee responsible for collecting each sample, who shall prepare a signed statement showing that each sample has been randomly selected for testing, provide a signed statement to the marijuana testing facility and maintain a copy of both statement as a business record in compliance with 3 AAC 306.755; and 3) Transport the sample to the marijuana testing facility in compliance with 3 AAC 306.750.

After collecting and transporting the samples for testing, Denali Fire Extracts shall segregate the entire production lot from which the testing sample was selected until the marijuana testing facility reports the results from its test. During this period of segregation, Denali Fire Extracts shall maintain the production lot in a secure, cool and dry location to prevent the marijuana product from becoming contaminated or losing its efficacy. Denali Fire Extracts will not sell or transport any marijuana product from the segregated lot until the marijuana testing facility has completed its testing and analysis, and provided those test results, in writing, back to the facility. Denali Fire Extracts shall maintain the testing results as part of its business records.

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Section 8 Prohibitions

Review the requirements under 3 AAC 306.510.

8.1. I certify that the marijuana product manufacturing facility will not: Initials

a. **sell, deliver, distribute, or transfer any marijuana, marijuana concentrate, or marijuana product directly to a consumer, with or without compensation;** E.L

b. **allow any person, including a licensee, employee, or agent, to consume marijuana, marijuana concentrate, or marijuana product on the licensed premises; or** E.L

c. **manufacture or sell any product that is an adulterated food or drink, closely resembles a familiar food or drink item including candy, or is packaged to look like candy, or in bright colors or with cartoon characters or other pictures or images that would appeal to children.** E.L

I declare under penalty of unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

Notary Public
J. ARANETA
State of Alaska
My Commission Expires Dec. 1, 2020

Signature of licensee

ELI LEHRMANN

Printed name of licensee

Notary Public in and for the State of Alaska

My commission expires: Dec. 1 2020

Subscribed and sworn to before me this 16 day of SEPTEMBER, 2019.

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