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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:	GOOD, LLC	**MJ License #:**			10165
License Type:	Product Manufacturing				
Doing Business As:	GOOD Cannabis				
Premises Address:	1949 Frank Ave				
City:	Fairbanks	**State:**	Alaska	**ZIP:**	99079

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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:

GOOD's Product Manufacturing facility creates cannabis concentrates from cannabis flower, immature bud, and trim. Concentrates are created through butane extraction (N-Butane Concentrate) or ice water extraction (ice water concentrate) or ethanol extraction (Ethanol Extract).

N-Butane Concentrate may be sold as a final product, or used to infuse other products created in the manufacturing facility including: GOOD Lemon-ginger Drops, GOOD Transdermal Patches, GOOD Gummies, GOOD Chocolate Bars, GOOD Mini Chocolate Bars, GOOD Capsules. GOOD will purchase cannabis for extraction (flower,immature bud, trim) from GOOD Cannabis cultivation (10166) or from other licensed cannabis cultivators. Cultivated product will be transferred to GOOD's manufacturing facility from a licensed cultivation facility according to regulations, and stored in GOOD's climate controlled vault (restricted access) until time of processing. Extraction, product creation/infusion, and packaging will occur in GOOD's restricted access manufacturing room. Finished cannabis product (concentrates, vape carts, edibles, transdermal patches) will be stored in GOOD's climate controlled vault until time of sale and transfer.

Transfer of product from GOOD's manufacturing facility to a licensed facility will be transported according to regulation. All transfers, production (creation of new product), and waste will be tracked in METRC according to regulation. The marijuana or marijuana products received by GOOD's manufacturing facility will be used as is or repackaged so as to be ready for retail sale (consumer packaging), or used to manufacture products approved under license 10165. GOOD's manufacturing facility may purchase marijuana or marijuana products in bulk from other licensed facilities and repackage into consumer level packaging for resale at a licensed marijuana retail store in accordance with either the operating plan of the transferring license or GOOD's manufacturing operating plan and approved packaging and labeling. GOOD's intent is to fully engage in activities described in the statutory definition of marijuana product manufacturing facility AS 17.38.900(14).

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:

Three extraction methods will be employed by GOOD LLC
1) Ice-water separation to create Ice Water Concentrate Cannabis:
Equipment - mechanical agitation machine, food grade sieves
*note, this method uses water and ice to physically remove and concentrate trichomes, but not as a solvent.

2) Butane extraction to create N-Butane Extract Cannabis:
Butane solvent in an ASME certified closed loop system (Emotek Obe Dos Closed Loop Extractor System) and purged via vacuum oven (CascadeTEK Vacuum Oven). In the case where N-Butane Extract will be added to topicals or edibles, the N-Butane Extract will be heated for additional time in the vacuum ovens to decarboxylate the THC. GOOD will use ethanol solution for winterization, an optional purification process in which the N-Butane Extract is dissolved in ethanol solution and funneled through a strainer to remove remaining waxes and fats (lipids). Ethanol is then reclaimed using a Rotovac system. Additionally, GOOD may further refine the N-Butane Extract product by utilizing the "short path distillation" process approved by the MCB at the April 2018 Board meeting Tab 24.

3)Ethanol Extraction:
Equipment- Mechanical press and Rotovac
The input for this process will be flower, larf, or trim including material that had previously undergone extraction utilizing N-Butane. Material will be soaked in an ethanol solution and ethanol will be pressed out using a mechanical press. Ethanol solution will be funneled through a strainer to remove remaining waxes and fats (lipids). Ethanol is then reclaimed using a Rotovac system. GOOD will create "Ethanol Extract" by running the solution through the fractional distillation equipment.

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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.

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:

Marijuana waste will be weighed, reported and stored in compliance with the regulations. Once the waste is available for destruction, GOOD LLC staff will destroy solid waste by grinding it and mixing it with sawdust. The resulting waste will then be placed in a commercial dumpster and be transported off site to a solid waste management site by a third party company.

Liquid waste will be washed with water into the GOOD LLC's facility waste water system which drains into a buried septic field on site. GOOD LLC's Manufacturing team will then fill out and submit the required Marijuana Waste Disposal form to the State. All packages with waste recordings will be updated and tracked through METRC through the entire process.

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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.	

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:

GOOD LLC will use a third party testing laboratory to test all cannabis products. Adequate quantities of testing samples will be sent to the testing laboratory to provide the required replicate testing and quality control samples. Product that is out for testing will be stored in a GOOD LLC's locked vault room until testing results are returned and the testing laboratory has released the product batch in METRC. If a product fails a test, GOOD LLC will either: 1) request that the Director of AMCO approve a retest, 2) destroy the product according to GOOD LLC's waste disposal processes, 3) if an edible or patch fails a test because it tests significantly under the target THC level, GOOD LLC will request from the Director of AMCO permission to sell product at the lower THC value. Test samples will be transferred and transported to the testing facility according to regulation.

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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;** CH

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

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.** CH

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

Signature of licensee

Notary Public in and for the State of Alaska

CHRISTIAN HOOD

Printed name of licensee

My commission expires: 12/2/24

Subscribed and sworn to before me this 11 day of January, 20 22

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(Additional Space as Needed):

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