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

**What is this form?**

This operating plan supplemental form is required for all applicants seeking a marijuana product manufacturing facility license and must accompany the **Marijuana Establishment Operating Plan (Form MJ-01)**, 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 those 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 product manufacturing facilities?**

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

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

**This form must be submitted to AMCO's main office before any marijuana product manufacturing facility license application will be considered complete.**

## Section 1 – Establishment Information

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

| | | | | | |
|---|---|---|---|---|---|
| **Licensee:** | Turnagain Manufacturing Company | **License Number:** | 12815 | | |
| **License Type:** | Marijuana Product Manufacturing Facility | | | | |
| **Doing Business As:** | Turnagain Manufacturing Company | | | | |
| **Premises Address:** | 524 E 48th Ave, Unit 1 | | | | |
| **City:** | Anchorage | **State:** | ALASKA | **ZIP:** | 99503 |



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## 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:**

Please see attached document titled "MJ-05 Section 3 Creation MJ Concentrates" which has been included at the end of this document.

To summarize the attached document, Turnagain Manufacturing Company will extract marijuana oil from marijuana plant material and fresh marijuana flower utilizing a closed-loop, modular liquid pure CO2 extraction machine. Said machine will operate in closed loop or single-use solvent method. Ethanol and D-lemonine will be used as solvents. TMCo will continuously look for other natural volatile organic compounds to use as co-solvents.



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**Describe the processes to be used to create marijuana concentrates:**

We will utilize marijuana material, marijuana trim or fresh/dried marijuana flower to create our concentrates at the Turnagain Manufacturing Company. We will receive and document marijuana transfer. If any trimming of product is needed we will take care of this prior to extraction.

If making rosin or live resin, we will press dried or fresh flower while applying heat. We will catch this runoff, rosin/live resin.

If we are making bubble hash we will use dry, fresh or frozen plant material. This tumbling system will use ice to agitate the marijuana trichomes to be filtered through a series of micron screens Once extract is collected, it will be dried/cured and packaged for sale.

If not making rosin or live resin, we will grind our material and extract the oil utilizing our closed-loop CO2 extraction system. Said system will separate oil and plant terpenes from the plant material. We will collect the terpenes for potential use later. It is at this point that we are able to specify what type of product we would like to create by varying and fine tuning the temperature, pressure, solvent-to-feed ratio and the flow rate during the extraction process. From here we can further refine the oil or transfer it to our kitchen to create edibles or topicals.

We will distill some oil utilizing our proprietary fractional distillation process to further remove any additional terpenes and/or impurities (including ethanol and other VOCs) as well as to separate any remaining plant material (fats, lipids, etc.). Next we will vacuum the oil to finalize the removal of any and all impurities that may have lasted within our oil.

If making cartridges we will re-introduce any additional terpenes as desired for the cartridges then fill said cartridges using our automated system.

Turnagain Manufacturing Company will utilize the Xact Xtract model LM2 machine for the company's operations. The Xact Xtract model LM2 is a manually operated extraction system that uses liquid phase carbon dioxide (CO2) to selectively extract components of botanical material. The LM2 uses high pressure collectors and separators which do not require a pressure drop between vessels.



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# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Aww Snaps |
| **Type:** | Marijuana Edible |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Small, round, light to dark cinnamon color. Crisp texture.<br><br>Aww Snaps are ginger snaps and are gluten free and vegan. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | Ground flax, water, coconut sugar/brown sugar, baking soda, salt, coconut oil/ cbd/thc concentrate, almond flour or corn meal, vanilla extract, molasses, ground ginger, cinnamon |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Cream sugar and fat, including cbd/thc oil. Mix in additional ingredients and mix thoroughly. Portion, bake at 350 degrees and cool. Package for sale. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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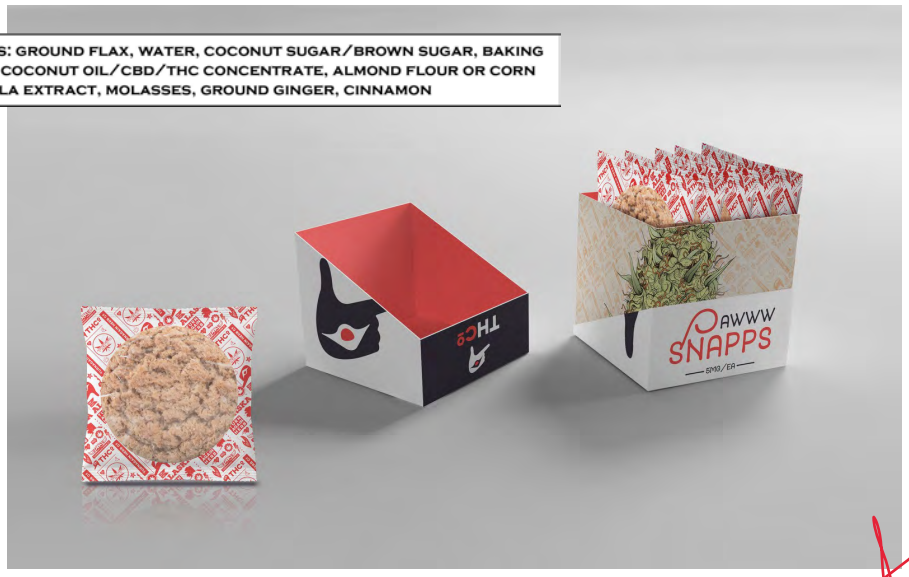
## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Aww Snaps |
| **Type:** | Marijuana Edible |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Clear or opaque individual cookie wrapper, opaque branded box with opaque branded child-resistant ATSM bag. Cookies will be approximately 2" in diameter, box approximately 4" x 4" x 4", ATSM bag up to 6" x9". Amount of THC and CBD will vary with strain. Product will be offered in 25mg and 50mg packages. For 25mg box of cookies, individual serving size will be one cookie. One cookie in 25mg box will be 5mg THC. For 50mg box of cookies, individual serving size will be one half cookie. One cookie in the 50mg box will be marked to show two equal halves. One cookie in 50mg box will be 10mg THC. Each of the pack sizes will offer 5 cookies within the box. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package contains multiple servings; said product delineates individual servings by the cookie. Label will denote portion size. 10Mg cookies will show 2 equal portions. This package will include a tracking label generated by TMCo's inventory tracking system. |
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. |   |



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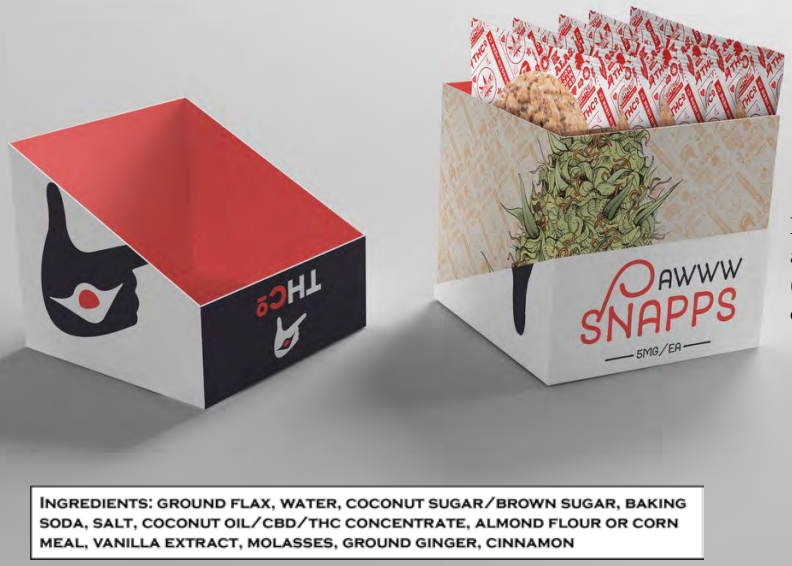
# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

Aww Snaps:

**top:** product and packaging images.
**middle:** testing results.
**bottom two:** product label (5 servings vs. 10 servings)

Image right shows a 1-serving cookie (one cookie is one serving):




INGREDIENTS: GROUND FLAX, WATER, COCONUT SUGAR/BROWN SUGAR, BAKING SODA, SALT, COCONUT OIL/CBD/THC CONCENTRATE, ALMOND FLOUR OR CORN MEAL, VANILLA EXTRACT, MOLASSES, GROUND GINGER, CINNAMON

Image below shows a 2-serving cookie (one half cookie is one serving):

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%, Product homogenous: yes. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

AWW SNAPS | HINDU KUSH - INDICA — License No. 12815

Proudly manufactured in the great state of Alaska | Production Lot 12345 | Net Wt: 0.75oz | Serving Size: ½ cookie (5mg THC) | Number of Servings: 10

TURNAGAIN MANUFACTURING Co

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

AWW SNAPS | HINDU KUSH - INDICA — License No. 12815

Proudly manufactured in the great state of Alaska | Production Lot 12345 | Net Wt: 0.75oz | Serving Size: 1 cookie (5mg THC) | Number of Servings: 5

TURNAGAIN MANUFACTURING Co

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.



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# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Canna Caps |
| **Type:** | Marijuana Product - edible |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Vegetable glycerin, pill-shaped capsule, contents will be clear to yellow to orange to gold, even green or purple in color. Texture is soft gel capsule, very much like other gel capsules on the market today. Each capsule will be 5mg THC. Capsule THC and CBD potency will vary with strain. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Depending on the strain and desire of final product we may, or may not, process this oil through our distillation system. If not, we will portion and fill the capsules with this oil. If we choose to process through our distillation system we will do so at this time. Said system uses a mantle heated system to separate the plant material from the oil by applying heat and vacuum to the material. We then inject our oil using an automated process that also seals and caps the capsules. Then it is on to shipping. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Canna Caps |
| **Type:** | Marijuana Product - edible |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Clear glass jar, white pressure seal liner with black child-resistant cap. The height without lid: 5.1cm; width: 3.85cm; volume 1oz. Jar will be placed within logo'd a-frame style cardboard packaging.<br><br>Individual serving size: One capsule (5mg THC)<br>Pack size: offered in two pack sizes, 25mg pack total (5 capsules) and 50mg pack total (10 capsules). Amount of THC and CBD will vary with strain.<br><br>Packaging complies with potency limits, package does not contain or utilize any images that specifically target individuals under the age of 21, packaging protects the product from contamination and does not impart any toxic or damaging substances to the product, and the product serving size is clearly denoted. This package will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | Package and label images have been included on the following page.<br><br>*Opaque Pinch N Slide ASTM Child Resistant Exit Bags will be provided to each retail facility who sells this product. This product will be placed in said opaque Pinch N Slide ASTM Child Resistant Exit Bags prior to customer leaving retail facility with product. Image of said ASTM has been included at the end of this document. |



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**(Additional Space as Needed):**

## Canna Caps:

**top left:** product and jar images.
**top right:** package image.
**middle:** testing results.
**bottom two:** product labels (5 servings vs. 10 servings)

**INGREDIENTS: VEGETABLE GLYCERIN CAPSULE,MARIJUANA OIL**

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%, Product homogenous: yes. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

CANNA CAPS | HINDU KUSH - INDICA
License No. 12815
Proudly manufactured in the great state of Alaska
Production Lot 12345 Serving Size: 1 capsule (5mg THC) | Number of Servings: 5
TURNAGAIN MANUFACTURING Co
Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

CANNA CAPS | HINDU KUSH - INDICA
License No. 12815
Proudly manufactured in the great state of Alaska
Production Lot 12345 Serving Size: 1 capsule (5mg THC) | Number of Servings: 10
TURNAGAIN MANUFACTURING Co
Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.



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## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | GiggleBurst |
| **Type:** | Edible |
| **Product Description:** Details must include the color, shape, and texture. | One portion = one candy. One candy = 5mg THC. Colors will range according to flavor in the fashion that other candies use to associate known color with known flavor (ex: cherry = red). Only muted colors will be used to color our candies. Candies are small spheres that are chewy and sticky in texture. Candies will be offered in the following flavors: blueberry, butter-rum, butterscotch, caramel apple, cherry cola, chocolate banana, cinnamon apple, coconut, cotton candy, cranberry, eggnog, fireweed, ginger bacon, grape, huckleberry, huckleberry bacon, huckleberry ginger, lemon, lime, mandarin, maple bacon, orange, pear ginger, peppermint, pineapple, plum passion, pumpkin pie, raspberry, raspberry, root beer, salmonberry, strawberry and cherry. |
| **Ingredients:** This box is not applicable to marijuana concentrates | Sugar, corn syrup, water, butter, thc/cbd concentrate, flavor's essential oil/ flavor extract, food coloring. |
| **Standard Production Procedure and Detailed Manufacturing Process:** | Line pan with foil and spraying the foil with nonstick cooking spray. Combine the butter, corn syrup, and granulated sugar in a medium saucepan over medium-high heat. Stir until the butter and sugar dissolve, then wash down the sides of the pan with a wet pastry brush to prevent sugar crystals from forming. Insert a candy thermometer. Cook the candy, stirring occasionally, until the thermometer reads 245 F (118 C). As soon as it reaches the proper temperature, remove the pan from the heat and stir in the flavor extract, thc/cbd concentrate and food coloring. Stir until the ingredients are well dispersed, then pour the candy into the molds and allow to cool. Separate from molds and package. |
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | GiggleBurst |
| **Type:** | Marijuana Edible |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Clear or opaque individually wrapped candy wrapper, opaque branded box with opaque branded child-resistant ATSM bag. Candies will be sphere shaped and approximately 0.75″ in diameter and be described as chewy candies. Box will be approximately 2″ x 6″ x 2″. Bag will be up to 6″ x 9″. Wax or plastic paper wrapper, cardboard box. Potency of THC and CBD will vary with strain. Product will be offered in 25mg and 50mg packages. One candy will be one portion. One candy = 5mg THC. 25 mg package will have 5 candies. 50mg package will have 10 candies. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21, the packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package contains a product with multiple servings; said product delineates individual servings by the candy. One candy = one portion. One portion = 5mg THC. This package will include a tracking label generated by TMCo's inventory tracking system. |
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | INGREDIENTS: SUGAR, CORN SYRUP, WATER, BUTTER, THC/CBD CONCENTRATE, FLAVOR'S ESSENTIAL OIL/-FLAVOR EXTRACT, FOOD COLORING.<br>*additional labels and images provided on the next page. |



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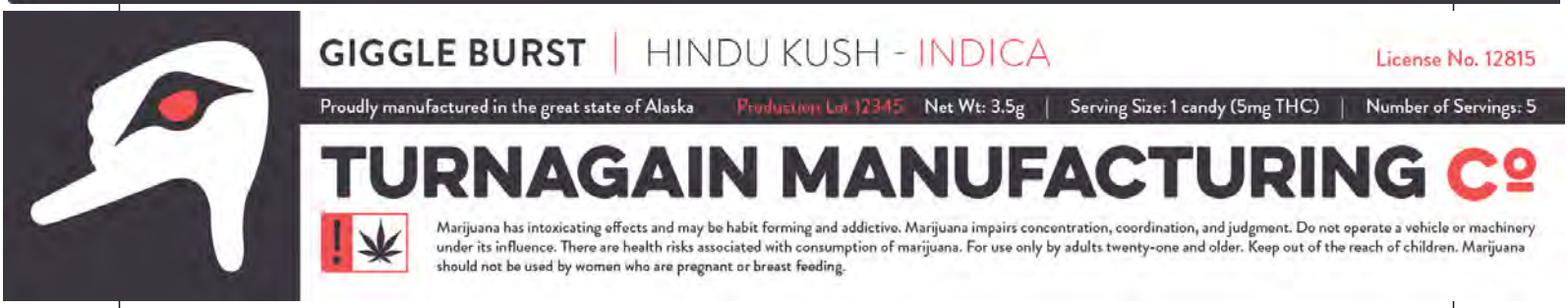
**(Additional Space as Needed):**

GiggleBurst:

**right:** product and packaging image.
**middle:** testing results.
**bottom two:** product labels (5 servings vs. 10 servings)

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%, Product homogenous: yes. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.



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## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | GiggleDrops |
| **Type:** | Marijuana Edible |
| **Product Description:** Details must include the color, shape, and texture. | One portion = one candy. One candy = 5mg THC. Colors will range according to flavor in the fashion that other candies use to associate known color with known flavor (ex: cherry = red). Only muted colors will be used to color our candies. Candies are small spheres that are hard and smooth in texture. Candies will be offered in the following flavors: blueberry, butter-rum, butterscotch, caramel apple, cherry cola, chocolate banana, cinnamon apple, coconut, cotton candy, cranberry, eggnog, fireweed, ginger bacon, grape, huckleberry, huckleberry bacon, huckleberry ginger, lemon, lime, mandarin, maple bacon, orange, pear ginger, peppermint, pineapple, plum passion, pumpkin pie, raspberry, raspberry, root beer, salmonberry, strawberry and cherry. |
| **Ingredients:** This box is not applicable to marijuana concentrates | Sugar, corn syrup, water, butter, thc/cbd concentrate, flavor's essential oil/ flavor extract, food coloring. |
| **Standard Production Procedure and Detailed Manufacturing Process:** | Line pan with foil and spraying the foil with nonstick cooking spray. Combine the butter, corn syrup, and granulated sugar in a medium saucepan over medium-high heat. Stir until the butter and sugar dissolve, then wash down the sides of the pan with a wet pastry brush to prevent sugar crystals from forming. Insert a candy thermometer. Cook the candy, stirring occasionally, until the thermometer reads 245 F (118 C). As soon as it reaches the proper temperature, remove the pan from the heat and stir in the flavor extract, thc/cbd concentrate and food coloring. Stir until the ingredients are well dispersed, then pour the candy into the molds and allow to cool. Separate from molds and package. |
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Giggle Drops |
| **Type:** | Marijuana Edible |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Clear or opaque individually wrapped candy wrapper, opaque branded box with opaque branded child-resistant ATSM bag. Candies will be sphere shaped and approximately 0.75″ in diameter and described as hard candy. Box will be approximately 2″ x 6″ x 2″. Bag will be up to 6″ x 9″. Wax or plastic paper wrapper, cardboard box. Potency of THC and CBD will vary with strain. Product will be offered in 25mg and 50mg packages. One candy will be one portion. One candy = 5mg THC. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21, the packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package contains a product with multiple servings; said product delineates individual servings by the candy. One candy = one portion. One portion = 5mg THC. This package will include a tracking label generated by TMCo's inventory tracking system. |
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | *additional labels and images provided on the next page. INGREDIENTS: SUGAR, CORN SYRUP, WATER, BUTTER, THC/CBD CONCENTRATE, FLAVOR'S ESSENTIAL OIL/-FLAVOR EXTRACT, FOOD COLORING. |



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**Alaska Marijuana Control Board**

## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

GiggleDrops:

**right:** product and package image.
**middle:** testing results.
**bottom two:** product label (5 servings vs 10 servings)

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%, Product homogenous: yes. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Vape Cartridge |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Clear and smooth glass or plastic housing, cylinder shape, mouthpiece included. Visible oil will be clear to yellow to amber in color. The texture of the oil is sticky and viscous and will take the shape of the container it is placed in as it is a viscous liquid. Oil for the cartridges will be offered in a variety of strains and varying THC & CBD levels ranging up to 99.9%. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Depending on the strain and desire of final product we may, or may not, process this oil through our distillation system. If not, we will portion and fill the cartridges with this oil. If we choose to process through our distillation system to remove additional impurities, we will do so at this time. Said system uses a mantle heated system to separate the plant material from the oil by applying heat and vacuum to the material. We then inject our oil seal and cap the cartridges. Then it is on to shipping. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

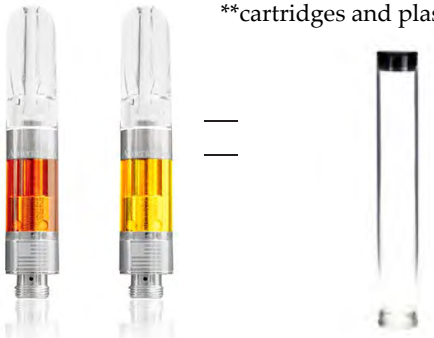
# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Vape Cartridge |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Clear plastic tube with black, white or clear cap. Cartridge itself will be approximately 20mm in length. Cartridges will be offered in different volumes: 0.25g, 0.5g, 1.0g, 1.5g, and 2g.<br>An opaque child-resistant ATSM bag will be used to ensure packaging compliancy. This packaging complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This product will include a tracking label generated by TMCo's inventory tracking system.<br>**cartridges and plastic tube pictured . |



**Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.

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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Vape Pen - disposable |
| **Type:** | Marijuana Concentrate |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Black, white or silver opaque cylinder, smooth texture, battery included. Our logo will be visible on the unit. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Said CO2 extraction machine outputs plant waste (lipids, fats, etc.) as well as winterized oil. Next we will process the winterized oil through our distillation system. Next it is on to our rotovaporization process where we rotovape and vaccum any remaining impurities. We inject our oil using an automated process that also seals the cartridges. Then it is on to shipping. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Vape Pen - Disposable |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | This cartridge comes pre-loaded within our disposable vape pen. It will be approximately 10mm x 8mm x 100mm in size. This product will be offered with a cartridge capacity of 0.5 g. The color of the pen will be white, black or silver. Disposable pen will come in a logo'd cardboard box measuring approximately 4"x2"x7". Amount of THC and CBD will vary with strain. An opaque child-resistant ATSM bag will be used to ensure packaging compliancy. This packaging complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This product will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | *images included on the next page. |

**cartridges and plastic tube pictured .



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

Vape pen - disposable:

**top right:** product image.
**top left:** packaging image.
**middle:** testing results.
**bottom:** package label.

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

VAPE PEN - DISPOSABLE | HINDU KUSH - INDICA License No. 12815

Proudly manufactured in the great state of Alaska Production Lot 12345 Net Wt: 0.5g

TURNAGAIN MANUFACTURING Co

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.

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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Resin |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Press fresh frozen marijuana within our Rosin Press which applies heat and pressure to the marijuana product and produces a runoff directly from the marijuana product known as Resin. This runoff is collected and allowed to cool into as flat a sheet as possible. Next we will portion and package. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Our solvent-less shatter is produced by varying and fine tuning the temperature, pressure, solvent-to-feed ratio and the flow rate during the extraction process. We will pour said warm liquid into a flat sheet and allow to cool and harden. Next we will portion and package. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Resin |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Branded paper, branded opaque box, placed within branded ATSM child-resistant security bag. Box will be 5″ x 5″ x 1.5″ or less, bag will be <= 6″ x 9″. Amount of THC and CBD will vary with strain. Resin will be offered in 0.5g, 1g, and 1.5g package sizes. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | *additional samples provided on the next page. |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

| Resin: | *__top image:__ product image on left, package image on right. __middle:__ testing results. __Bottom:__ product label |
|---|---|

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

**RESIN**

HINDU KUSH - INDICA

*Proudly manufactured in the great state of Alaska*

**TURNAGAIN MANUFACTURING Co**

Production Lot 12345 Net Wt: 1.0g License No. 12815

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.



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**Alaska Marijuana Control Board**

## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Rosin |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Clear to yellow to gold, green or purple color in appearance. Smooth glass-like texture ranging to sticky rounded texture similar to balled-up rubber cement. Has been poured out and allowed to cool and harden (semi-firm). Each strain used to produce this product will offer varying THC and CBD levels. Estimated expiration date is eight to twelve months. This product is used for inhalation. |
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Press dried marijuana within our Rosin Press which applies heat and pressure to the marijuana product and produces a runoff directly from the marijuana product known as Rosin. This runoff is collected and allowed to cool into as flat a sheet as possible. Next we will portion and package. |
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Rosin |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Branded paper, branded opaque box, placed within branded ATSM child-resistant security bag. Box will be 5″ x 5″ x 1.5″ or less, bag will be <= 6″ x 9″. Amount of THC and CBD will vary with strain. Rosin will be offered in 0.5g, 1g, and 1.5g package sizes. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | *additional samples provided on the next page. |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

Rosin: *__top image:__ product image on left, package image on right. **middle:** testing results. **Bottom:** product label

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

ROSIN
HINDU KUSH - INDICA

*Proudly manufactured in the great state of Alaska*

**TURNAGAIN MANUFACTURING Co**

Production Lot 12345 Net Wt: 1.0g License No. 12815

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

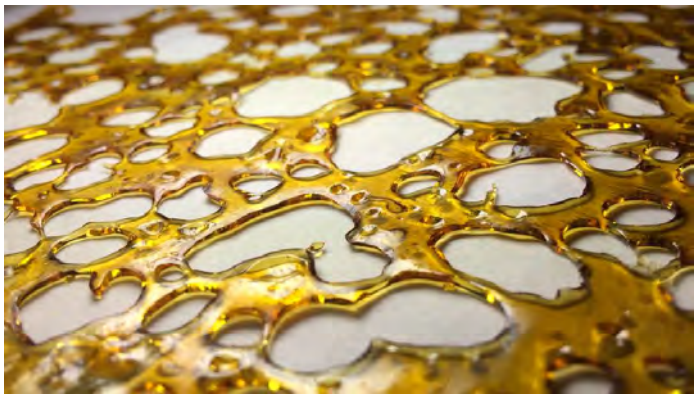
Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Shatter |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Clear to yellow to gold, green or purple color in appearance. Smooth glass-like texture and brittle. Has been poured flat and allowed to cool and harden. Each strain used to produce this product will offer varying THC and CBD levels. Estimated expiration date is eight to twelve months. This product is used for inhalation. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Our solvent-less shatter is produced by varying and fine tuning the temperature, pressure, solvent-to-feed ratio and the flow rate during the extraction process. We will pour said warm liquid into a flat sheet and allow to cool and harden. Next we will portion and package. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. |  |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Shatter |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Branded paper, branded opaque box, placed within branded ATSM child-resistant security bag. Box will be 5″ x 5″ x 1.5″ or less, bag will be <= 6″ x 9″. Amount of THC and CBD will vary with strain. Shatter will be offered in 0.5g, 1g, and 1.5g package sizes. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | *additional samples provided at the end of this document. |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

**SHATTER**

HINDU KUSH - INDICA

*Proudly manufactured in the great state of Alaska*

**TURNAGAIN MANUFACTURING Co**

Production Lot 12345 Net Wt: 1.0g License No. 12815

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Wax |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Green to yellow to gold, green or purple colored wax. Texture will range from earwax or peanut butter in appearance. Sticky texture. Free form shape. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Our wax is produced by varying and fine tuning the temperature, pressure, solvent-to-feed ratio and the flow rate during the extraction process. Once processed, portion and package. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Wax |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Branded label, clear jar, black lid placed within branded child-resistant ATSM bag. Jar will be 3" in diameter, 1.5" tall or less, bag will be <= 6"x9". Amount of THC and CBD will vary with strain. Wax will be offered in 0.5g, 1g and 1.5g package sizes. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | *additional labels and images have been included on the next page. |

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Phone: 907.269.0350

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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

Wax:

**top left:** product image.
**right:** package image.
**bottom left:** jar image.

**second from bottom:** testing results.
**bottom:** product label.

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

WAX | HINDU KUSH - INDICA

License No. 12815

Proudly manufactured in the great state of Alaska

Production Lot 12345 Net Wt: 1.0g

TURNAGAIN MANUFACTURING Co

Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Crumble |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Product Description:** Details must include the color, shape, and texture. | Opaque yellow to gold color in appearance. Airy texture, crumbles when touched. Shape sits on itself; this is free form. Each strain used to produce this product will offer varying THC and CBD levels. Estimated expiration date is eight to twelve months. This product is used for inhalation. |

| | |
|---|---|
| **Ingredients:** This box is not applicable to marijuana concentrates | N/A |

| | |
|---|---|
| **Standard Production Procedure and Detailed Manufacturing Process:** | Grind trim. Process Trim with CO2 extraction machine. Our crumble is produced by varying and fine tuning the temperature, pressure, solvent-to-feed ratio and the flow rate during the extraction process. Portion. Package. |

| | |
|---|---|
| **Depiction:** Provide a photograph, drawing, or graphic representation of the expected appearance of the final product. | |



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

| | |
|---|---|
| **Product Name:** | Crumble |
| **Type:** | Marijuana Concentrate - for inhalation |

| | |
|---|---|
| **Packaging Description:** Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Attached photos, drawings, or graphic representations are preferred. | Branded label, clear jar, black lid placed within A-frame style cardboard housing then placed into branded child-resistant ATSM bag. Jar will be 3" in diameter, 1.5" tall or less, bag will be <= 6"x9". Amount of THC and CBD will vary with strain. Crumble will be offered in 0.5g, 1g and 1.5g package sizes. This package complies with potency limits, this package does not contain or utilize any images that specifically target individuals under the age of 21. The packaging material protects the product from contamination and does not impart any toxic or damaging substances to the product. This package will include a tracking label generated by TMCo's inventory tracking system. |

| | |
|---|---|
| **Sample Labels:** Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out. | |

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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

# Crumble:

*__top__: product image. **right**: package image.
**middle**: jar image **2nd from bottom**: testing results.
**bottom**: product label

This marijuana product has been tested by ABC Labs, Inc Anchorage Alaska. Test results are as follows: THC: 35%, THCA: 20%, CBD:0.2%, CBDA:0.82%, CBN:0.19%. Microbial level testing of the following and their results: Shiga-toxin: acceptable, Salmonella: acceptable, Aspergillus (fumigatus, flavus, niger): acceptable. Residual solvent testing results: Butanes: none, Heptanes: none, Benzene: none, Toluene: none, Hexane: none.

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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

**(Additional Space as Needed):**

*above image shows the front and back sides of our resealable, child-resistant, opaque ASTM bag. These bags will be offered in different sizes to accommodate different size products.
Turnagain Manufacturing Company will supply these bags to all retail stores that carry the company's products.

*image on the right shows a sample label a retail store has affixed at the bottom to show where the product was purchased, all necessary warnings as well as the retail store's license number.



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 6 – Waste Disposal Plan

Review the requirements under 3 AAC 306.520, and identify how the proposed premises will meet the listed requirements.

**Describe the marijuana product manufacturing facility's plan for disposal of any expired or outdated marijuana or marijuana product that is not sold or transferred to another licensed marijuana establishment:**

It is a goal of the Turnagain Manufacturing Company to minimize waste. In the event that we have expired or outdated marijuana or marijuana product we will secure the items on site and notify the board of our need to dispose of the items.

We will grind the solid materials and incorporate twice as much ground organic or non-organic material so that the entire lot will not be more than half marijuana or marijuana product. We will then schedule a secure trash pickup and transfer the waste material to the locked trash dumpster on site when we confirm aforementioned scheduled waste pickup. A waste log will be kept to document the items that were disposed of as well as the method(s) for disposal. Also included on this log will be when the board was notified of our need to dispose of the items as well as the final resting place of said waste.



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## Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 7 – Testing

| The area where in-house testing will occur must be identified on the premises diagram, per 3 AAC 306.520(2). | Yes | No |
|---|---|---|
| **Will the marijuana product manufacturing facility perform in-house testing (as defined in 3 AAC 306.990(b)(20))?** | ☑ | ☐ |

Applicants should review 3 AAC 306.550 and be able to answer "Agree" to the item below.

| **The marijuana cultivation facility applicant has:** | Agree | Disagree |
|---|---|---|
| Read and understands and agrees to the required laboratory testing set forth in 3 AAC 306.550 | ☑ | ☐ |

I declare under penalty of perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

_____
Signature of licensee

_____
Printed name

Subscribed and sworn to before me this _____ day of _____, 20_____.

_____
Notary Public in and for the State of Alaska.

My commission expires: _____



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

## Section 7 – Testing

| The area where in-house testing will occur must be identified on the premises diagram, per 3 AAC 306.520(2). | Yes | No |
|---|---|---|
| **Will the marijuana product manufacturing facility perform in-house testing (as defined in 3 AAC 306.990(b)(20))?** | ☑ | ☐ |

Applicants should review 3 AAC 306.550 and be able to answer "Agree" to the item below.

| **The marijuana cultivation facility applicant has:** | Agree | Disagree |
|---|---|---|
| Read and understands and agrees to the required laboratory testing set forth in 3 AAC 306.550 | ☑ | ☐ |

I declare under penalty of perjury that I have examined this form, including all accompanying schedules and statements, and to the best of my knowledge and belief find it to be true, correct, and complete.

Signature of licensee

Seth Madsen
Printed name

Subscribed and sworn to before me this 31 day of August, 2017.

"Official Seal"
Notary Public
B. Orloff
State Of Alaska
Commission #150819001 Expires 08/19/2019

Notary Public in and for the State of Alaska.

My commission expires: 08/19/2019



Received by AMCO 09.05.17

Turnagain Manufacturing Company ("TMCo")

Physical Address:
524 E 48th Ave
Anchorage AK 99503

Mailing Address:
PO Box 994
Girdwood AK 99587

## EQUIPMENT, SOLVENTS, GASES, CHEMICALS AND OTHER COMPOUNDS USED DURING MARIJUANA CONCENTRATE PRODUCTION

*MJ-05*
*Section 3 – Equipment, Compounds, and Processes to be Used*

Being a Marijuana Manufacturing Facility, Turnagain Manufacturing Company is subject to AMC 21.03.105C.3.c.i; TMCo is also required to provide a description of the type of products to be processed and the equipment to be used, including a list of any solvents, gases, chemicals, or other compounds that will be used, kept, or created at the manufacturing facility, the location of such materials, and the equipment used throughout the process of creating marijuana concentrates.

Turnagain Manufacturing Company will extract marijuana oil from marijuana plant material and fresh marijuana flower utilizing a closed-loop, modular liquid pure CO2 extraction machine. Said machine will operate in closed loop or single use solvent method. CO2 storage is built into the machine with 200 liters of on-board storage. The safe and proven technology used in this machine is the same technology currently in use around the world for extracting essential oils and de-caffinating coffee beans. This machine will recycle and reuse the CO2 used during the extraction process. Turnagain Manufacturing Company might utilize 95% laboratory-grade ethanol, D-Limonene or other natural Volatile Organic Compounds as co-solvents for use during the extraction process. This machine requires no power.

Turnagain Manufacturing Company will store less than five gallons of ethanol on site. The storage location of said ethanol is clearly denoted within the Turnagain Manufacturing Company site plan. TMCo will compliantly store the secured ethanol on the second floor of the facility, in the room labeled "Extraction Room."

Turnagain Manufacturing Company will purchase legal and compliant marijuana flower and marijuana material from other legal entities authorized by the state and municipality to sell said marijuana and marijuana flower. Marijuana flower and material will be finely ground on-site, in the room labeled "Extraction Room" on the TMCo Site Plan, prior to being processed in the CO2 extraction machine.

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TMCo will process ground material within their CO2 Extraction Machine. Make and model of said extraction machine is an LM2 Xact Xtract machine manufactured here in the USA by Azoth Solutions. The LM2 is a modular Liquid Co2 Extractor. The LM2 model will operate in closed loop or single use solvent method. Co2 Storage is built into the machine at 450 liters. Turnagain Manufacturing Company might utilize 95% laboratory-grade ethanol, D-Limonene or other natural Volatile Organic Compounds as co-solvents for use during the extraction process.

Once the material has been processed and the oil extracted from the material, waste material will be compliantly disposed of as described in Turnagain Manufacturing Company's Waste Disposal Plan.

Turnagain Manufacturing Company may also use another type of extraction device. This device will use ice to agitate the material in a tumbler machine to make a product known as "bubble hash." This device uses micron screen bags to separate the extract from the plant material. The tumbler will use either dry or fresh plant material. Once extracted, product will be dried/cured and packaged for sale. The tumbler does not require solvents.

Marijuana oil refinement will occur on site, as well, in order to rid the extracted oil of any remaining impurities. Once oil is extracted using our CO2 extraction machine, the oil will be processed through our proprietary refinement process that includes the use of fractional distillation and is finished after it gets processed through our rotovape machine. Fractional distillation will be used to isolate and separate selected/specified terpenes as well to remove any ethanol or other VOC and also to separate any leftover plant fats or lipids from the oil. Once the oil has been cleansed through the proprietary fractional distillation process, a process that involves slowly heating the oil using an electric mantle and capturing the distilled oil, the oil will then be processed through our rotovape machine. Said machine will rotate in place while being heated through the use of an electric mantle. While the oil is rotating, vacuum pressure draws, and separates any remaining impurities out of the oil. Once processed through all of this, Turnagain Manufacturing Company's oil will be ready to be used within it's manufactured products. The entire oil refinement process that TMCo will utilize will be clean; no hazardous chemicals will be used. Only gentle heat and vacuum pressure will be used for any oil refinement.

Products made with described oil will include edibles, topicals and inhalants. Edibles will include products such as candies, sweet pastries, savory chips and sauces such as pesto. Topicals will include lotions, salves, hair care products, ointments and soap. Inhalants will include, but also include but not be limited to, products ranging from vape pen cartridges to wax, shatter, rosin and hash.

Turnagain Manufacturing Company will also infuse cooking fats such as coconut oil, olive oil and butter. This process steeps marijuana material within said fat. Once the steeping has been completed, marijuana material is strained and compliantly disposed of by documenting, grinding, mixing and disposing.

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