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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

Why is this form needed?

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 Anchorage 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:	21 Carbon, LLC	**MJ License #:**	41757		
License Type:	Marijuana Concentrate Manufacturing Facility				
Doing Business As:	21 Carbon				
Premises Address:	12749 W. Westen Drive, Suite 2				
City:	Houston	**State:**	Alaska	**ZIP:**	99694

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:

All Marijuana Concentrate products will be tracked in Metrc from intake through manufacturing, testing, and transfer to another licensed facility, or through disposal. Upon arrival, the licensee or designated employee must/will inspect all incoming shipments by weighing the contents on inspected scales and reconciling them against the transport manifest, labels, and packaging. Discrepant shipments will be rejected, while accepted ones will be immediately entered into Metrc and added to the inventory log. The licensee or manager will perform a daily reconciliation of all transfers with Metrc and the physical inventory to ensure accuracy. For concentrates manufactured at 21 Carbon, a random sample will be sent for licensed testing before transfer, with the production lot segregated until passing results are received. Products that pass testing will be packaged and labeled according to AMCO regulations. All packaged products will be transported by the licensee, manager, or third-party company with valid marijuana handler permits. Finally, all transfers will be entered into Metrc to generate a trip manifest, which will accompany each shipment and be stored on-site as an official business record.

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:

21 Carbon may use the following equipment:

- Freezer
- Grinders
- Chillers
- Water bath
- Ultra Sonic cleaner
- Rosin Press

21 Carbon will not be using Chemicals, gases or solvents for producing concentrate products and will use the following methods:

- Keif sifting
- Cold water/dry ice methods
- Powered heat press

Section 4 – Waste Disposal

Review the requirements under 3 AAC 306.740.

4.1. 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:

21 Carbon anticipates producing the following marijuana plant and product waste: (1) contaminated or infected marijuana or marijuana products (concentrates), (2) marijuana or marijuana products (concentrates) deemed by the licensee or a manager as unfit for sale or consumption for any reason,(3) marijuana product that fails lab testing, (4) marijuana plant waste created during the extraction process,(5) marijuana or marijuana concentrates that become expired (if applicable), (6) other marijuana or marijuana concentrate waste as determined by AMCO. Once marijuana or marijuana concentrates are deemed as waste, the waste will be separated from all other marijuana and marijuana concentrates and securely stored in locked bins on the licensed premises. All waste will be logged in Metrc and noted in the facility waste log. All solid marijuana plant waste and marijuana concentrate waste will be ground and mixed with other solid compostable or non-compostable waste such as; paper waste, plastic waste, cardboard waste, food waste, yard waste, vegetable grease, oil or soil until the mixture is no more than 50% waste by volume. Liquid marijuana waste, such as concentrates, will be mixed with at least equal parts of non-marijuana waste and stored away from all other marijuana and marijuana products inside the facility in a locked waste container. the unusable waste will be placed in a secured waste storage container, until it is transported to a landfill via a designated employee or a third-party contracted waste transporter. The waste log information will be securely stored as an official business record and will be made available upon request to AMCO.

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. DA

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. N/A

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

21 Carbon will assign a person (the licensee, manager, or designated employee) to be responsible for collecting a random sample(s) from each production lot to be sent to a licensed testing facility. The manager will sign a statement certifying that the sample was randomly selected. A copy of the signed statement will accompany the sample to the testing facility and another copy will be maintained on-site as an official business record. The sample will be transported to the testing facility by a Licensee, a manager, a designated employee or a third-party transport company. All transporters will have valid marijuana handler permits. The remainder of the production lot will be quarantined in secure containers, separate from all other marijuana and marijuana concentrates, until the passing testing results are received. During the quarantine period, all products will be securely stored on-site and kept cool and dry to prevent contamination or loss of efficacy. Testing facility results will be stored on-site as an official business record and will be made available to AMCO upon request. All products that fail to pass testing will be rendered unusable, in compliance with all regulations.

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Rick Simpson Oil (RSO)		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/in-house/wholesale		

Product Description: Details must include the color, shape, and texture.	RSO is a thick sticky liquid that takes the shape of its container. The color can range from green to brown.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Cannabis bud/flower will be soaked in ethanol and placed in a mason jar or other suitable container until the cannabinoids are dissolved into the alcohol solution. The plant material will then be strained from the resulting tincture and disposed of. The alcohol solution (tincture) will then be evaporated using a roto-evaporator or air evaporated. The resulting oil will be properly labeled and stored until test results are achieved. Actual solvent used in production will be clearly identified on the final product label.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Rick Simpson Oil (RSO)
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	RSO, in amounts of not more than seven (7) grams, will be placed into small glass, plastic or silicone containers or syringes and then packaged into resealable mylar bags, child resistant blister packs, or cardboard boxes with tamper seal or child-resistant design. All final packaging will be child-resistant. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in a windowed mylar bag or blister pack will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store. Up to 5 pounds of RSO may be stored in food-grade containers for wholesale sales or used in-house.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Rick Simpson Oil (RSO) **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Best By Date**: **Packaging Date**: **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning: 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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Live Rosin		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		

Product Description: Details must include the color, shape, and texture.	Live Rosin has a sand-like gooey consistency. Live Rosin has a clear, yellow, gold or brown colored free-form shape that molds to its container.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Live Rosin is created by taking cannabis flower and freezing it, once frozen, wash or sift freshly frozen product to separate trichomes. Once complete, freeze dry product to remove moisture, place freeze dried product in micron bag and apply heat and pressure, this procedure will result in Live Rosin". Live Rosin is collected in a sealed container, packaged, sent for testing and stored until final test results are obtained.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Live Rosin
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Live Rosin, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Another packaging option is to package product in a folded sheet of PTFE/wax/parchment paper and place into a mylar bag. Up to one (1) pound of Live Rosin will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Live Rosin **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning: 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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Live Rosin Carts		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable		

Product Description: Details must include the color, shape, and texture.	Live Rosin Carts are a vape pen cartridge with a marijuana concentrate color ranging from light gold to dark amber. Marijuana concentrate is generally viscous in nature, taking the shape of its container and sticky to the touch.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Live Rosin (a proposed 21 Carbon product) will be heated until the correct consistency for loading cartridges is achieved. Heated Live Rosin will then be loaded into carts and stored until final test results are achieved.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Live Rosin Carts
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Live Rosin Carts will hold either .5g or 1g of Live Rosin concentrate. Each cartridge will be packaged in either a child-resistant cardboard box, child-resistant blister package, or a small child-resistant, heat-sealed windowed or non-windowed mylar bag. THC will range between 25-99%. The actual THC content will be listed on the label per the testing results. Products packaged in a windowed mylar bag or blister package will be placed in an opaque exit package by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Live Rosin Carts **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning**: **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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Kief		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		
Product Description: Details must include the color, shape, and texture.	Kief has a grainy, sand-like consistency, with a free-form shape. Kief ranges in color from a whitish color to yellow, brown or gold.		
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A		
Flavors: List all current and potential future flavors:	N/A		
Standard Production Procedure and Detailed Manufacturing Process:	Kief is a natural concentrate product that is shaken off of marijuana flower/bud. Marijuana buds and trim will be placed on a series of mesh screens. Once "shaken", "Kief" will be collected underneath the mesh screens in a tray or similar and stored until final test results are received. Kief will be sold as is or used in the production of infused joints and infused blunts (proposed 21 Carbon products)		
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.			

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Kief
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Kief, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Up to one (1) pound of Kief will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Kief **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning**: **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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Kief Rosin		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		

Product Description: Details must include the color, shape, and texture.	Kief Rosin has a shiny light yellow to rich amber color, slick and sticky to the touch with a hard but pliable consistency.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Kief is placed in a micron bag and then put under specific heat and pressure until final product, Kief Rosin is collected in a sealed container, packaged, sent for testing and stored until final test results are obtained.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Kief Rosin
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Kief Rosin, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Another packaging option is to package product in a folded sheet of PTFE/wax/parchment paper and place into a mylar bag. Up to one (1) pound of Kief Rosin will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Kief Rosin **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning: 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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Infused Blunt/Joint		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable		

Product Description: Details must include the color, shape, and texture.	Infused Blunt/Joint will be conical in shape, with the appearance of a blunt rolled in hash or Kief. It will be brown and green in color, depending on the rolling leaf and strain used.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Infused Blunt/Joints will be produced using ground marijuana flower, wrapped in marijuana leaves or blunt papers with a thin layer of Rosin and rolled in Kief. The Infused Blunt/Joints will be set out to dry, properly tested, labeled and packaged. Final concentrates used in production will be clearly indicated on the final product label.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Infused Blunt/Joint
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Infused Blunt/Joints will be packaged in single units in either a small glass or plastic pop-top tube and labeled. For larger quantities, Infused Blunts/Joints will be placed in mylar bags (windowed or non-windowed). All packaging will be child-resistant. Infused Blunts will weigh up to seven (7) grams each, but the predominant size will be 1g. Infused Joints will weigh up to seven (7) grams each, but the predominant size will be 0.5g and 1g joints. THC will range from 25-99% with the actual amount of THC listed on the label per testing results. Bulk sales will be sold in containers of 2-6 and 8-12 per package (not exceeding the legal limits on quantity sold). All products packaged in windowed mylar bags or glass tubes will be placed in opaque exit packaging by the retailer prior to customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Infused Blunt/Joint **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning: 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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Full Melt Hash		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		

Product Description: Details must include the color, shape, and texture.	Full Melt Hash has a sandy like consistency, viscous in nature that takes the shape of its container. Full Melt Hash's color varies depending on the strain used in production and can range from a pale yellow to a rich amber.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Full Melt Hash is produced by taking cannabis flower or trim and freezing it. Frozen flower/trim is then washed or sifted to separate trichomes. Once this is complete, the product is then freeze dried to remove moisture and placed in a micron bag. The full micron bag then undergoes specific heat and pressure, the final product - Full Melt Hash is collected, packaged, sent for testing and stored until final test results are obtained.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Full Melt Hash
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Full Melt Hash, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Another packaging option is to package product in a folded sheet of PTFE/wax/parchment paper and place into a mylar bag. Up to one (1) pound of Full Melt Hash will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Full Melt Hash **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning**: **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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Flower Rosin		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		

Product Description: Details must include the color, shape, and texture.	Flower Rosin's color ranges from translucent to an opaque brown, gold or pale yellow. Flower Rosin is a thick, sticky, sap-like texture that takes the shape of its container.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Flower Rosin is extracted from cannabis flower or trim with the use of only heat and pressure from a powered press. Consistency is reached through specific heat/pressure settings. Flower Rosin is collected in a sealed container, packaged, sent for testing and stored until final test results are obtained.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Flower Rosin
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Flower Rosin, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Another packaging option is to package product in a folded sheet of PTFE/wax/parchment paper and place into a mylar bag. Up to one (1) pound of Flower Rosin will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Flower Rosin **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning: 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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Dry Sift		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		

Product Description: Details must include the color, shape, and texture.	Dry Sift has a fine, sand-like consistency, with a free-form shape. Dry Sift ranges in color from a whitish color to yellow, brown or gold.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Dry Sift is a natural concentrate product that is shaken off of marijuana flower/bud. Marijuana buds and trim will be placed on a series of mesh screens. Once "shaken", "Sift" or "Kief" or "Siftings" will be collected underneath the mesh screens in a tray or similar. Dry Sift is similar to Kief, the difference is the consistency of the final product for sales and marketing purposes. Dry Sift will be sold as is or used in the production of infused joints and infused blunts (proposed 21 Carbon products)
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Dry Sift
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Dry Sift, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Up to one (1) pound of Dry Sift will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Dry Sift **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning**: **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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Distillate Oil		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/in-house/wholesale		

Product Description: Details must include the color, shape, and texture.	Distillate has a gooey and smooth consistency similar to honey, sticky and oily in nature and takes the shape of its container. Color rages from translucent to amber.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Distillate is produced by extraction and distillation of cannabis material. The cannabis matter is initially processed using Ethanol short path distillation and may be further refined for vape carts. The distillate will then be packaged and stored until the final test results are received.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Distillate Oil
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Distillate Oil, in amounts of not more than seven (7) grams, will be placed into small glass, plastic or silicone containers or syringes or vape carts (disposable and non-disposable) and then packaged into resealable mylar bags, child resistant blister packs, or cardboard boxes with tamper seal or child-resistant design. All final packaging will be child-resistant. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in a windowed mylar bag or blister pack will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store. Up to 1 pound of Distillate may be stored in food-grade containers for wholesale sales or used in-house.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Distillate Oil **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Best By Date**: **Packaging Date**: **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning**: **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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Bubble Hash		
Product Type: Choose one.	Marijuana Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/Wholesale/In-house		

Product Description: Details must include the color, shape, and texture.	Bubble Hash is soft and crumbly, has a clay-like texture and ranges in color from light yellow, to brown and gold, depending on the strain of marijuana used.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	Bubble Hash will be produced by washing or sifting freshly frozen product to separate the trichomes. Once washed or sifted, product will be freeze dried to remove moisture. Once drying is complete, the final product, Bubble Hash, will be packaged and stored until final test results are obtained.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Bubble Hash
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Bubble Hash, in amounts of not more than seven grams (7g), will be placed into small glass, plastic or silicone containers and then packaged into a resealable mylar bag, an cardboard box with a tamper evident seal, blister packs or a CR cardboard box. All packaging will be child-resistant. Up to one (1) pound of Bubble Hash will be stored in food grade containers for wholesale sales or in-house use. THC will range between 25-99%. The actual amount of total THC will be listed on the label per testing results. Products packaged in windowed mylar bags or blister packs will be placed in opaque exit packaging by the retailer prior to the customer exiting the retail store. Another packaging option is to place product in a folded sheet or parchment/wax/PTFE paper and then place into child-resistant packaging.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: Bubble Hash **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning**: **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.**

Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.

Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Butane Hash Oil (BHO)		
Product Type: Choose one.	Other Marijuana Product		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	
Intended Use: Smokable/ edible/topical/wholesale/etc.	Smokable/in-house/wholesale		

Product Description: Details must include the color, shape, and texture.	BHO is smooth, card and brittle when cold and sticky and pliable when warm. The color can range from yellow to amber. Viscous in nature and takes the shape of its container.
Ingredients: If a hemp derived product/CBD is an ingredient, what is the quantity and you must provide the SOA Department of Agriculture's registration number.	N/A
Flavors: List all current and potential future flavors:	N/A
Standard Production Procedure and Detailed Manufacturing Process:	The oil is extracted using a closed loop machine using marijuana flower and trim and one or a combination of the following solvents such as: butane, N-butane, Iso-butane, Ethanol. Once the oil is extracted, it will either be winterized or placed into a vacuum oven. The winterization process beings by dissolving the BHO in ethanol and then freezing. The BHO is then filtered using a vacuum and evaporator. Additional cannabis terpenes purchased from licensed facilities or from production run off will be added to BHO.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	Butane Hash Oil (BHO)
Product Type:	Marijuana Concentrate

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. Please include photos, drawings, or graphic representations.	Up to 7 grams of BHO will be packed in a silicone or class child-resistant container or vape cart/syringe and then placed in a resealable mylar bag or blister package. THC will range from 20% - 99% with the total THC clearly indicated on the final product label. Up to one (1) pound of BHO will be packaged in large, opaque mylar bags or glass jars with screw top lids for wholesale sales or in house use. Any packaging that is not opaque will be placed in an opaque exit bag by the retail store.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	**Produced By**: 21 Carbon **License Number**: 41757 **Product Name**: BHO **Strain**: **Batch/Lot Number**: **Gross Weight**: **Net MJ Weight**: **OZ(g)** **Best By Date**: **Packaging Date**: **Tested By**: **License Number**: **Total THC**: **THCA**: **CBD**: **CBDA**: **CBN**: **Microbial Test**: **Pesticides**: **Herbicides**: **Fungicides**: **Residual Solvent Test**: **Contaminants Test Result**: Retailer: License Number: **Alaska Safety Warning: 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.**

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;** JA

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

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.** JA

I hereby certify that I am the person herein named and subscribing to this application and that I have read the complete application, and I know the full content thereof. I declare that all of the information contained herein, and evidence or other documents submitted are true and correct. I understand that any falsification or misrepresentation of any item or response in this application, or any attachment, or documents to support this application, is sufficient grounds for denying or revoking a license/permit. I further understand that it is a Class A misdemeanor under Alaska Statute 11.56.210 to falsify an application and commit the crime of unsworn falsification. JA

Jordan Agen

Printed name of licensee

Signature of licensee

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

(Additional Space as Needed):