

**ADDITIONAL CONSTRUCTION DOCUMENT SUBMITTAL  
REQUIREMENTS for CANNABIS TENANT IMPROVEMENTS  
(T.I.'S) FACILITIES and/or ADDITIONS TO NON-RESIDENTIAL PROJECTS  
Extraction Facilities (MAUCRSA License Types 6-7)**



**SECTION A: PROVIDE THE FOLLOWING INFORMATION ON THE COVER SHEET OF THE PLANS:**

- 1  Project Scope.
- 2  Occupancy classification (F-1,H-2).
- 3  Building construction type.
- 4  Specify the area of each occupancy type, and the total area of the tenant improvement.
- 5  State license type(s) being applied for.
- 6  Indicate if the proposed process is non-volatile (Type 6) or volatile (Type 7).
- 7  Indicate if packaging (Type P) or infusion (Type N).

**SECTION B: PROVIDE THE FOLLOWING INFORMATION IN THE CONSTRUCTION DOCUMENTS:**

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| <p>1. Provide a project Requirements Report that includes general requirements for the extraction facility as well as the extraction and post extraction rooms including:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Signage</li><li><input type="checkbox"/> Hazardous material storage and handling</li><li><input type="checkbox"/> Electrical components (Class 1, Division 1 or 2)</li><li><input type="checkbox"/> Detection/monitoring systems</li><li><input type="checkbox"/> Ventilation systems</li><li><input type="checkbox"/> Operator training</li><li><input type="checkbox"/> Standard operating procedures</li></ul> <p>2. Provide a process description/written narrative that specifies all means, methods, materials and equipment to be used for:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Extracting, processing, heating, freezing, filtering, washing, packaging and storage.</li><li><input type="checkbox"/> Infusing, cooking, baking, or otherwise combining or changing the form of the cannabis plant.</li><li><input type="checkbox"/> Specify all methods and equipment used to test any cannabis or cannabis product.</li><li><input type="checkbox"/> Specify the proposed quantities of raw cannabis, processed materials, and the final product(s).</li><li><input type="checkbox"/> Specify the quantities, types of storage, and location of all proposed toxic, dangerous, hazardous, volatile, flammable, or other materials regulated by the CBC, CFC or any other federal, state, or local government codes or standards that will be utilized, processed, or created at the facility.</li></ul> <p>3. Provide a general flow schematic or process flow diagram of the process. Post-processing or winterization may be included in the diagram.</p> <ul style="list-style-type: none"><li><input type="checkbox"/> All primary components of the process equipment shall be identified and match the equipment schedule.</li><li><input type="checkbox"/> Operating temperatures, pressures, and solvent state of matter shall be identified in each primary step or component.</li><li><input type="checkbox"/> A piping and instrumentation diagram (P&amp;ID) shall be provided.</li></ul> <p>4. Provide an equipment schedule listing all extraction and process system equipment.</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Systems and/or equipment used for extraction shall be listed for the specific use.</li><li><input type="checkbox"/> Cut-sheets for all listed equipment shall be submitted.</li><li><input type="checkbox"/> Unlisted systems and/or equipment shall be reviewed and analyzed by an independent approved California licensed professional engineer.</li><li><input type="checkbox"/> A technical report prepared by the reviewing engineer consistent with requirements of CFC 3804.3 shall be submitted.</li></ul> <p><input type="checkbox"/> A separate Fire Department construction permit is required for installation of or modification to a plant extraction system.</p> | <p>7. Extraction processes utilizing flammable gasses or flammable cryogenic fluids shall not be located in a building containing Group A, E, I or R occupancies.</p> <p>8. Submit Material Safety Data Sheets (MSDS) for all proposed toxic, dangerous, hazardous, volatile or health hazard materials proposed for storage and use within the facility.</p> <p>9. All post-processing, winterization, and extraction equipment/processes (including but not limited to those utilizing hydrocarbon solvents), shall be confined to enclosed rooms (rooms designed as control areas per CBC 414.2) that are fully separated from all other areas of the facility.</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Multiple extraction units of the same type may be contained in a single room but must not exceed the Maximum Allowed Quantities (MAQ) per CBC Table 307.1(1) for the type of extraction proposed.</li><li><input type="checkbox"/> Exit doors from all rooms containing extraction equipment shall swing in the direction of egress, be self-closing and equipped with panic hardware.</li></ul> <p>10. Indicate on the plans all electrical components in rooms containing extraction equipment using flammable gas (LP-Gas) shall be rated for a Class 1, Division 1 location and all electrical components in rooms containing extraction or processing equipment using flammable liquids (Ethanol) shall be rated for a Class 1, Division 2 location consistent with CEC Article 500.5.</p> <ul style="list-style-type: none"><li><input type="checkbox"/> All electrical components within extraction rooms using flammable gas shall be interlocked with the gas detection system.</li><li><input type="checkbox"/> Activation of the gas detection system shall disable all light switches and electrical outlets.</li></ul> <p>11. Provide a mechanical exhaust system (minimum 1 CFM/sf), hood, or other approved system designed for (or specifically listed and rated for) exhausting flammable and/or volatile vapors at all rooms containing closed solvent and/or hydrocarbon extraction equipment or processes.</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Solvent and/or hydrocarbon extraction ventilation and exhaust systems shall be designed by a licensed mechanical engineer.</li><li><input type="checkbox"/> Specify local hydrocarbon, solvent vapor or CO2 detection and alarm systems (as applicable) consistent with CFC requirements at all extraction and material storage areas as determined by the Fire Code Official.</li><li><input type="checkbox"/> A separate Fire Department permit is required for all detection and alarm systems.</li></ul> |
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5. Extraction and process system equipment, compressed gas containers, and gas piping shall comply with the seismic design requirements of CBC Chapter 16 and ASCE 7-10.

6. Facilities used for processing cannabis into “edible cannabis product” are subject to review and approval by the Sonoma County Environmental Health Division. (“Edible cannabis product” means a cannabis product intended to be used orally, in whole or part, for human consumption including cannabis products that dissolve or disintegrate in the mouth but does not include any product otherwise defined as “cannabis concentrate”).
- A separate permit application is required through their office. Building permits will not be issued prior to Health Department plan approval.
- Permit final and Certificate of Occupancy will not be granted prior to field inspection and approval from the Health Department.
12. Storage use and handling of compressed gases in compressed gas containers, cylinders, tanks, and piping systems shall comply with the California Fire Code. Compressed gases classified as hazardous shall comply with CFC Chapters 50 & 53 (for general requirements), and Chapters 58 (Flammable Gases), 60 (Highly Toxic and Toxic Materials), 63 (Oxidizers, Oxidizing Gases and Oxidizing Cryogenic Fluids) and 41 (Pyrophoric Materials) for specific hazards.