

Hemp Processing

Building & Site Guidelines

Checklist



extraktLAB®

Hemp Processing Building and Site Guidelines and Checklist

When purchasing or leasing a building for hemp extraction or processing, there are many different specifications that need to be considered to keep costs at a minimum. The checklist below is a very general overview of the site building and utility specifications for a hemp processing facility.

Site Specifications Guidelines

- ☐ Enough parking to accommodate occupancy.
- ☐ Enough space so semi trucks can deliver.
- ☐ Fire Truck turnaround space.
- ☐ Typically, located a significant distance from schools and churches.
- ☐ Have knowledge of municipal requirements for landscaping. Surveillance requirements can require a certain amount of clear areas around the facility.
- ☐ Covenants and restrictions allow for placement of utilities.
- ☐ In a “green zone” if applicable.

Building Specification Guidelines

- ☐ Building Type: IIB
- ☐ Occupancy: F2 per IBC Chapter 3 306.3 and table 307.1(1)
- ☐ Manufacturing Area: 5-20,000 ft sq depending on total processed per day.
- ☐ Biomass Storage Area: 5-20,000 ft sq
- ☐ Packaging Area: 5-20 ft sq
- ☐ Minimum Power: 750 KVA, total required power depends on total processed per day.
- ☐ Docks: Standard dock height access
- ☐ Floor plan: open floor plan; not built out
- ☐ Floors: level
- ☐ Multi Level: avoid
- ☐ Ceiling height: 20' preferred
- ☐ Restroom facilities that accommodate occupancy.
- ☐ If a wall is shared with a different occupancy, a fire rated barrier of 2 to 3 hours is usually required for a General Purpose Industrial occupancy. (NFPA 1.6.1.14.1.(a))

- ☐ If a new construction is planned, fire separation between buildings should be considered. NFPA 80A covers required fire separation distance based on the dimensions of the intended construction.

Utilities Guidelines

- ☐ Access to Utilities: Avoid transformers across parking lots or other structures that may require costly relocation.
- ☐ Chillers: Need area to locate outside
- ☐ Concrete pad for bulk solvent tank. Can be done during future scale-up.
- ☐ HVAC: Able to locate on roof structure and NFPA 90A compliant.
- ☐ Fire Suppression: Yes as per NFPA
- ☐ Sanitary: Water and sewer access in building.
- ☐ Exhaust gases must be piped out of the building; through either roof or walls. Plan to direct gases away from neighbors if possible.

Other Guidelines

- ☐ Labor market is plentiful.
- ☐ Permitting environment favorable - some counties make hemp processing licensing easily obtainable but make permitting extremely strict. Understand the full story of the area you are considering.

Next Step: Set Up a CBD Jam Session with extraktLAB

Now that you've reviewed the hemp site checklist, here's the next step.

You and I both know that sometimes a plan gets stuck. No matter what you do, you can't seem to identify what you need to get traction and get it moving again.

The CBD Jam Session will help answer any outlying questions this guide didn't answer, and also help you to understand what might be next up for you to do to keep moving forward. The session is conducted with an extraktLAB team member and usually runs about 20 minutes.

The goal of a CBD Jam Session is to understand what steps you've done thus far and identify the next step.


651.600.0036

**SCHEDULE
MINE TODAY**

**free 20 minute
CBD Jam Session**

