Some examples of items that you will be identifying as hazards and or violations (outside the norm) include:

If there are obvious signs of Cannabinoid Processing (ie. equipment in place and or in use at time of inspection):

- ☐ **Check for OHA Registration and/or OLCC License. All Prominently Posted (*document numbers*).**
- ☐ Is the Occupancy an F or an H?
- ☐ Are there signs of unpermitted work such as;
  - ☐ Walls that Have Been Moved?
  - ☐ Electrical Work (exposed romex)?
  - ☐ Ventilation equipment (commercial/industrial or residential hood or other fans or ducting)?
  - ☐ Rooms, spaces or walls created with or covered with visqueen?
  - ☐ Industrial or Residential ovens installed
  - ☐ Blocked Sprinkler Heads or Alarm Notification Devices (such as from vents or process equipment).
- ☐ Are they using Flammable or Combustible Liquids? Are they exceeding MAQ's? See 2014 OFC Table 5003.1.1(1).
- ☐ Are they using LP Gas or Butane? See 2014 OFC 6109.9 & 6109.10 and NFPA 58 Table 8.3.1 (a)&(b)
- ☐ Are they using Pressurized Canned Butane to process hash oil? Per OAR 333-008-1800 & 845-025-3260, Canned Butane may NOT be used (even in legalized processing).
- ☐ Are there CO2 Bulk Tanks in use (and/or obvious process piping)?
- ☐ Are there other process equipment (listed or not)
- ☐ Are there Class I Solvents in use (see the Federal Drug Administration Guidance, Table I) Class 1 solvents: Known human carcinogens, strongly suspected human carcinogens, and environmental hazards. Benzene/Benzol, Carbon tetrachloride/Tetrachloromethane, Dichloroethan, Others.

Other items to look for whether there are signs of processing or not:

- ☐ Are they storing quantities of Flammable or Combustible Liquids in excess of their MAQ's? See 2014 OFC Table 5003.1.1(1).
- ☐ Are they storing Pressurized Canned Butane in excess of their MAQ's, see NFPA 58 Table 8.3.1 (a)&(b)
  - ☐ Max will be 200 lbs per control area in Mercantile Occupancy
  - ☐ Max will be 300 lbs per control area in Industrial Occupancy
  - ☐ Max will be 300 lbs per control area in Storage Occupancy
- ☐ Are they storing LP Gas or Butane (DOT cylinders – max 2 ½ lb water cap) in excess of MAQ's? Per OFC 6109.9 & 6109.10
  - ☐ Building Accessible to Public – 200 lbs
  - ☐ Building NOT Accessible to the Public – 300 lbs
  - ☐ Are they using proper storage methods?
- ☐ Storage and use of Hazardous Materials (must have MSDS or SDS for all hazmats).
- ☐ Exits (including storage of flammable/combustible liquids and gasses near exits)
- ☐ NORMAL INSPECTION ITEMS. Remember; complete an otherwise normal inspection as you would for any other location.

NOTE: IF THEY HAVE FLAMMABLE/COMBUSTIBLE LIQUIDS, FLAMMABLE GASSES OR OTHER HAZ-MATS OVER MAQ'S – REQUIRE IMMEDIATE REMOVAL FROM BUILDING.

<u>Ongoing Inspections of the legalized cannabinoid processor.</u>

Prior to completing inspection:

- ☐ Check for approved plans, 414 report (if applicable).
- ☐ Check for permits related to the site.
  - This could include Marijuana: Processors, Growers & Dispensaries
  - And could include permits such as: Building (CO), Fire, Electrical, Mechanical, Pressure Vessel, etc.

Inspection Checklist: (this is just a guideline and should not be considered all inclusive). Refer also to OAR 333-008-1800 and OAR 845-025-3260.

- ☐ OHA Site Specific Registration and or OLCC Site Specific License Posted in obvious site.
- ☐ CO2 Systems. Tanks, Process Piping, CO2 Sensor, CO2 Alarm, CO2 Warning Sign(s).
- ☐ Extraction Systems & Processing equipment shall all be listed (UL, ANSI, ASTM, etc.), **<u>or otherwise previously approved</u>** after evaluation (***3rd party review***) to have met ASME, NFPA or other standards.
  - All extraction equipment shall be professional grade closed loop systems.
- ☐ Ventilation/Exhaust Systems (fans & blowers). Required to be *spark resistant* where flammable atmosphere is or may be present.
- ☐ Processing must be done in a (i) Fully enclosed room, meeting fire and building code requirements, clearly designated on the current diagram of the registered processing site. (ii) *<u>Fully enclosed room</u>* equipped with evacuation fans and lower explosive limit (LEL) detectors, *unless the extraction process uses only carbon dioxide, in which case evacuation fan and carbon dioxide sensor with alarm are required.*
- ☐ Are they using Pressurized Canned Butane to process hash oil? Per OAR 333-008-1800 & 845-025-3260, Canned Butane may NOT be used.
- ☐ May not use Class I solvents as those are classified in the Federal Drug Administration Guidance, Table I, published in the Federal Register on December 24, 1997 (See pg 5 of the attached reference info).
- ☐ Electrical Wiring shall be code compliant. Where processing with Flammable Liquids, wiring shall be Class I Division I within 5 feet of Processing. Extension cords shall not be used where Class I Division I or Division II wiring is required and shall not be used as permanent wiring for any process equipment or appliances.
- ☐ Flammable Liquids shall be properly stored and handled. For "F" Occupancies, Flammable Liquid Storage Cabinets meeting the requirements of 5704.3.2 shall be used to store quantities in excess of 10 gallons class IA or 30 gallons of class IA, IB & IC combined. Also see Table 5003.1.1(1) MAQ's. In excess of noted limits, location must be an "H" Occupancy.
- ☐ Must have all appropriate MSDS's or SDS's.
- ☐ Has not sublet any portion of their Registered or Licensed space, to any business, individual, etc.
- ☐ A Marijuana Processing site may not be on the same site as a dispensary OAR 845-025-1230.
- ☐ Are there signs of unpermitted work? OAR's 333-008-2040 and 845-025-1175 do not allow Changes, Alterations, or Modification of Premises from the approved plans without prior written approval.
- ☐ May not use denatured alcohol.

Hazard Code Guidance, Fire Code & Appropriate OAR references.

- The Fire Code Reference and or the OAR reference for OHA, OLCC or both for each noted violation.

The violations noted may not constitute all of the violations found during inspection. The violations, all or some – as determined by the inspector, will serve to get illegal processors into the building dept for legalization. Additional violations may or may not be required, *TBD by the inspector*. The text shown is only suggested text.

Suggested Violation Text	Cited Code(s)
IMMEDIATELY DISCONTINUE PROCESSING OF CANNABINOID EXTRACTS, CONCENTRATES, ETC. UNTIL PROOF OF PERMIT FOR SUCH PROCESSING IN THIS LOCATION IS PROVIDED.	OFC 102.3; OSSC 110.1 & OSSC 3408.1
PROVIDE PROOF THAT YOUR CANNABINOID PROCESSING SITE IS IN AN APPROVED "F" OR "H" OCCUPANCY AS REQUIRED.	OSSC 111.1; OSSC 3408.1
PROVIDE PROOF OF PERMIT FOR ALL MODIFICATIONS TO THE STRUCTURE. THIS INCLUDES ALL MODIFICATIONS RELATED TO THE PROCESSING OF CANNABINOID EXTRACTS, CONCENTRATES, ETC. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO; INSTALLATION OF OR MODIFICATIONS TO VENTILATION SYSTEMS, ELECTRICAL SYSTEMS, INSTALLATION OF OVENS, CARBON DIOXIDE TANKS & OTHER PROCESS EQUIPMENT.	OFC 102.4
REDUCE FLAMMABLE & COMBUSTIBLE LIQUIDS TO AT OR BELOW OCCUPANCY QUANTITY LIMITS. ADDITIONAL NOTES TO BE ADDED HERE BASED ON THE AMOUNT AND TYPE OF PRODUCT AND THE OCCUPANCY CLASSIFICATION.	OFC T-5003.1.1 NFPA 58 TABLE 8.3.1 *(2011 ed)*