

Growing Pains



Challenges of MMJ and the Building Codes

Dispensary or Compassion Clubs

- Occupancy B or M
 - Based on level of treatments available
 - IBC 304 or 309
 - Ventilation rate of 15cfm
 - IMC Table 403.3
 - Ask questions!



Bakery



- Occupancy F1
 - IBC 306.2
- Treat as a typical commercial kitchen
 - Ask what products will be produced
 - Hoods -Type I or II
 - IMC 506 and 507

Cooking process

Boil plant w/ canola oil
Or use extracted oils

Mix with real butter or use
the oil as base





Stoned Oven™
Gourmet Pizza's
baked from scratch

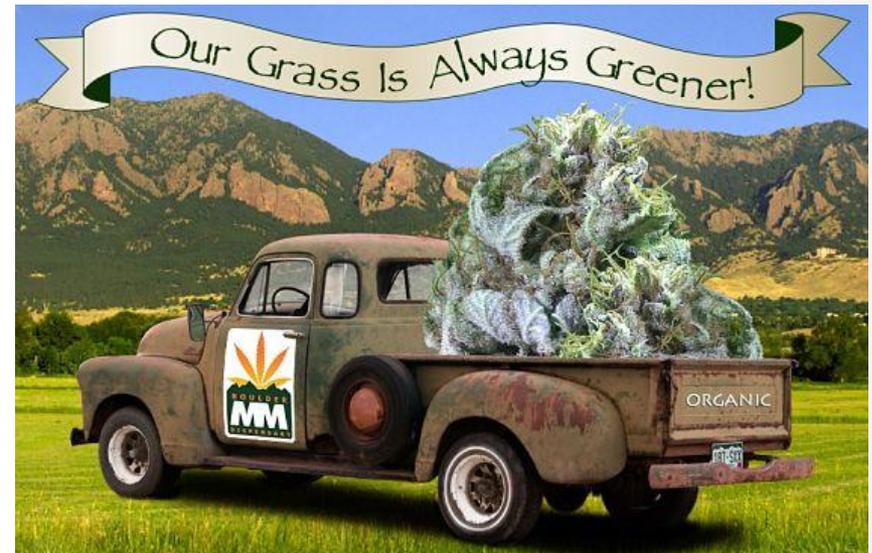
WORLD'S STRONGEST MEDICATED PIZZA

for orders & personal catering
Call 702-713-7020

HORIZON
CO-HOLISTICS
PROVIDING MEDICAL & RECREATIONAL CANNABIS PRODUCTS

Grow Facilities

- Occupancy Classification F1 or U
 - IBC 306.2 or 312.1
- Ask what the entire process entails
 - How are plants arranged
 - Egress distances maintained
 - Accessibility
 - Drying rooms, trimming area
 - Storage of chemicals
 - Interior finishes- flame spread



IBC Chapters 8,10, and11

Electrical



- Air-cooled grow lamps
 - Must comply with IMC requirements
- NM cable not allowed
 - NEC 334.10
- Listed equipment
 - NEC 110.3
- Use of flex cords
 - Watch for these at final
 - Accompany fire on annual business inspections w/ 6 months of C/O
 - NEC 400.8

Mechanical

- Air seal between other occupied areas.
 - IMC 401.6
- Ventilation rate of 65 cfm in grow areas
 - IMC Table 403.3
- Check location of exhaust outlets
 - 10 feet from property line (grow)
 - 3 feet from property line (dispensary)
 - IMC 502.1.2(1); MIC502.1.2(3)

Carbon filters reduce odors and dust



Know the grow process

CO2 Tanks



Fertilizer Amounts/Storage



CO2 concentration levels of less than 1500 ppm
Fire may want a monitor installed

Bud and Dry Rooms



Security Issues create safety issues:
 Locked doors
 Limited access areas

Ask about security practices!

THC Oil Extraction

Soak plant in chemicals

Dry to a thick gel





Hazards

Chemicals used for extraction are all solvents:

- Butane
 - Causes drowsiness, asphyxiation, flash pt. 74°, boils @ 34°
- Hexane,
 - flash point 100°, can cause incapacitation if inhaled
- Isopropyl alcohol
 - Flash pt 73°, boils at 100° ,Skin irritant, can explode
- Ethanol
 - Flash pt of 62°, explosive vapors



Other Things to know

Dispensary Certificate

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- Certificate from Az Dept. of Health Services. Specifies
- Cannot make modifications w/o approval from ADHS

Certificate Information			
Application ID: AZDS00000181	Certificate ID: 0000034DCOD0007550	Dispensary ID: AZD00000521	CHAA: 78 - Gilbert W
Dispensary's Legal Name: ABSOLUTE HEALTHCARE INC	Dispensary's Legal Name (2nd Line):	Issue Date: 8/7/2012 4:18:52 PM	Expiration Date: 8/7/2013 4:18:52 PM
Dispensary's Proposed Physical Address: 175 S HAMILTON PL STE 110			
Zip Code: 85233	City: GILBERT	County: MARICOPA	State: AZ
Entity Name: ABSOLUTE HEALTHCARE INC	Type of Business: CORP	Telephone Number: (602) 619-0861	
Email: PAULINE@DVCEMAIL.COM			
Med Dir Last Name: SEIVERT	Med Dir First Name: MICHAEL	Med Dir MI: A	Med Dir License#:br/>AZ2109
Designee Last Name: HARRIS HENRY	Designee First Name: PAULINE	Designee MI: A	Email Sent: No
<input type="button" value="Send Email"/>			

Members							
DISPENSARY	MEMBER ID	LAST NAME	FIRST NAME	MIDDLE INITIAL	MEMBERSHIP TYPE	DOB	ACCESS CODE
82		HARRIS HENRY	PAULINE	A	PB	03/25/1946	E8395A0B7B9F1C23232924287C874127
83		HENRY	L GEORGE		PB	12/20/1942	7DFD45FD4CF03A42D61E48634F13336

Challenges

- Proposed legislation to legalize MJ in 2016
- Results:
 - Dispensaries become neighborhood stores
 - Grow facilities pop up everywhere
 - Still must comply with Building and Fire Codes
- El Mirage challenge:
 - Facility with 400K sq.ft. of cultivation area
 - w/ 72 'leasable' grow rooms
 - 40K sq.ft. of labs /offices
 - \$1 Billion of product
 - Security like Ft. Knox (access issues for Fire & PD)