

CANNABIS FERTIGATION ZONE

Job Safety Analysis (JSA)

WHO GACP, EU-GACP, and OSHA Compliance Guidelines

1. FERTIGATION MATERIAL HANDLING SAFETY:

•Ergonomic Lifting Mechanics:

Personnel must execute proper lifting protocols when handling 25-lb bulk nutrient or fertilizer bags (p. 1). Static or awkward postures during material handling are strictly prohibited to mitigate acute lumbar injuries (p. 1).

•Chemical Segregation Boundaries:

Dry fertilizer compounds and concentrated plant nutrition stocks must be structurally isolated from cleaning solutions, sanitizers, and incompatible chemical inputs in accordance with Safety Data Sheets (SDS) to prevent accidental combustion or toxic off-gassing (p. 1).

•Transitional Scoop Controls:

Technicians must utilize dedicated, non-reactive material scoops for transferring chemical ingredients (p. 1). Cross-contaminating scooping tools between different active stock tanks is forbidden to eliminate chemical reaction vectors (p. 1).

2. MECHANIZED MIXING & SHARP TOOL MATRICES:

• Pre-Use Equipment Verification:

Before activating any hand drills, mixing augers, sharp slicing blades, or dosing hardware, operators must execute a formal pre-use cleaning and mechanical safety inspection (p. 1).

• Mechanical Pinch Isolation:

[COMPANY LOGO]	DOC No.	Form No.	Form Revision:	Form Issued Date:
	JSA Revision No.	Assessment Date:	Review Date:	☐ New ☐ Revision ☐ Annual Review

Area/Phase	☒ Fertigation
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Task:	WORKING IN THE FERTIGATION/SANITATION ROOM	[COMPANY] Sites	☐	☐	☐	
Examine e	"Proprietary Template Content Locked in Preview — Unlocked Instantly Inside Full Purchase Bundle Pack"					
Chemical						
Biological						
Physical						
Ergonomic						
PPE Required (Additional)						
Tools and Equipment						
Required SWPs:						
☒ [DOCUMENT NUMBER] Cleaning Solution Preparation		Chemicals				

DOC No.

Form No.

Form Revision:

Form Issued Date:

[COMPANY LOGO]

Cannabis Cultivation-Job Safety Analysis Template (JSA)

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Site Control	☒ Post signs (Hygiene)	☐ Designated area for equipment and tools	☐ Established meet and greet process
	☐ Caution tape	☒ SDS	☒ Other: Spill Kit; Danger Zone Warning; Authorized Personnel Only
List of SDS to be reviewed	☐ Bleach; Isopropyl Alcohol; Peracetic acid (PAA) ☒ Others: Fertilizer, Nutrients ☐ N/A		
Environmental Conditions	☐ Climate controlled rooms	☐ Heat as per plant phases	☐ Excessive noise
		☐ Excessive Lighting	☐ Other

Step #	Sequence of Basic	Existing or Potential	Hazard	Hazard Scoring	Current Hazard Control	Hazard	Hazard Scoring	Recommended Additional
1	Rece storii fertili nutri input							ll response
								ondary t pallets liquid e drums and mandated ll kit erification ient
2	Manu and l lb rav bags.							otocols for andled awkwardly, and deploy low-profile rolling platform dollies for all floor transits

CAUTION

FERTIGATION ZONE JOB SAFETY (JSA)

WHO GACP and EU/US FDA cGMP Guidelines

PART 1: Administrative and Handling Controls

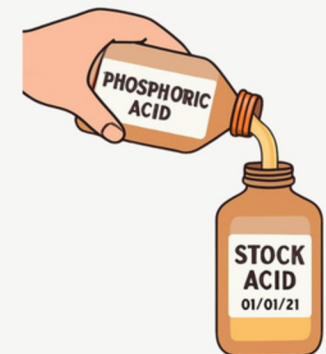
MATERIAL HANDLING RULES:

- **P**lacement of materials must follow specific instructions for process, equipment, and personnel.
- **C**ontainers must be properly labeled and locked in Preview — Unlocked Instantly Inside Full Purchase Bundle Pack"
- **S**afety protocols must be strictly followed between tanks.

INCIDENT & CLEANING PROTOCOLS:

- **P**illbox and spillage must be immediately cleaned and disposed of.
- **L**abeling must be accurate and locked in Preview — Unlocked Instantly Inside Full Purchase Bundle Pack"
- **F**orms must be completed and submitted to the master.

PROPER BOX LIFT TECHNIQUE



Sample excerpt only. Full editable toolkit, forms, and implementation guidance available

Company Name: [EDIT HERE]

Applicable Area: [EDIT HERE]

SOP Reference: [EDIT HERE]

to LYRA QMS clients and members

CAUTION

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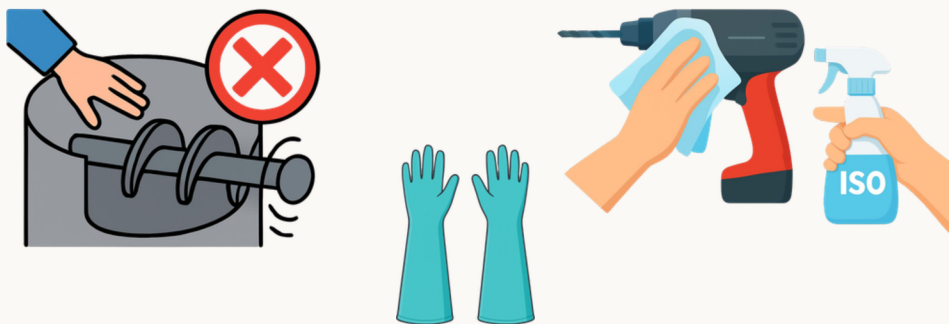
PART 2: Personal Protection & Mechanical Controls

MECHANICAL TOOL CONTROLS:

- **Pre-Use Inspection:** Verify hand drills, mixing tanks, and equipment are in good working order before use.
- **Proper Use:** Follow manufacturer's instructions for all equipment. Do not use equipment for purposes not intended.
- **Cleaning:** Clean all equipment thoroughly after use. Store in a clean, dry area.

BARRIER EQUIPMENT MANDATES:

- **Occupational Safety:** All personnel must wear appropriate PPE (goggles, gloves, aprons) when operating barrier equipment.
- **Decontamination:** Barrier equipment must be decontaminated immediately after use. Use appropriate disinfectants.
- **Respiratory Protection:** Personnel must wear respirators when working in areas with toxic vapors.



Company Name: [EDIT HERE]

Applicable Area: [EDIT HERE]

SOP Reference: [EDIT HERE]