



FOCUS

Foundation of
Cannabis Unified Standards

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The Cannabis Health & Safety Organization

Manufacturing Standard

Requirements Summary 2020

Important

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FOCUS Manufacturing Standard Requirements Summary

Management Summary

Requirements related to management's responsibilities, training, and qualifications overall to ensure product quality, health and safety, security, procedures, training, and regulatory compliance throughout the operation.

Business Practices

Requirements related to goal setting, internal and external business assessments, certifications, licensing and permitting, insurance, accounting, operational controls, fair labor practices, recordkeeping, inventory, advertising and crisis management.

Training

Requirements related to employee and management training including corporate policies and procedures, emergency and crisis management, laws and regulations, quality control, hazardous materials, hygiene, food safety, product quality, testing, regulatory inspections, record keeping, sanitation and cleaning, security, interaction with law enforcement, sexual harassment, violations and enforcement, specific job requirements and worker health and safety.

Worker Practices

Requirements related to worker cleanliness and attire, hand sanitation, wounds and infections, protective clothing, prohibited items, eating and drinking, smoking and tobacco products, control of drug use, violence and weapons, and signage.

Health & Safety

Requirements related to the operations health and safety program include risk assessments, safety procedures, training, PPE, signage, visitors, accident and emergency procedures, first aid, and eye wash stations.

Security

Requirements related to the operations security program including roles and responsibilities, qualifications, training, risk assessments, incident reporting, background checks, confidentiality and information security, recordkeeping and reporting, cash management, inventory control, safety policy, CPTED approach, physical barriers, grounds and external areas, door locks, facility access controls, restricted areas, visitor access, product controls, theft and loss prevention, alarm systems, alarm monitoring, motion detectors, panic buttons, and video surveillance. Also includes requirements for transport security including procedures, policies, qualifications, training, documentation, credentials, routes, shipments, invoices, packaging, and vehicle controls.

Product Quality

Requirements related to the operations Quality Management System include hazard control plans (HACCP), hazard analysis, critical control points, roles and responsibilities, forms, production flow charts, manufacturing process, product classification and control, product specifications, control of contaminants, control of allergens, pre-operation inspections, production records, yield analysis and reconciliation, nonconformances, product rejection, corrective action records, and quarantined materials or products.

Production Operations

Requirements related to the operations ability to maintain appropriate environmental controls including lighting, ventilation, air quality, temperature, pressure, and humidity in all areas used for packaging, weighing, trimming, preparation, modification, processing and storage. Requirements related to the cleanability of the facility, cross contamination prevention, inventory, hazardous materials and disposal.

Production Equipment

Requirements related to equipment management, record keeping, design, calibration, thermometers, product containers, cooling coils, utensils, wares and tools.

Water Use & Quality

Requirements related to the operation's Water Use Plan including a water use, systems, risk assessments, and quality analysis.

Extraction Operations

Requirements related to the operation's extraction processes including equipment installation and training, production training, emergency procedures, food grade chemicals, water-based extraction, CO2-based extraction, CO2 monitoring, use of dry ice, ethanol or alcohol based extraction, solvent safety and recovery, food grade solvents, and solvent disposal and waste procedures.

Product Testing

Requirements related to the operation's product testing policies and procedures including a product testing plan, sampling procedures, laboratory requirements, allowable thresholds, microbiological testing, solvent and chemical residue, heavy metals, pesticide residue, potency and cannabinoid profile, contaminants and filth, stability testing, analyzing test results, batch monitoring, test records and document retention.

Packaging & Labeling

Requirements related to the operation's packaging and labeling policies and procedures including the labeling protocol, warning labels, infused product labels, exit packaging, child resistant packaging, and tamper evident packaging.

Traceability & Recall

Requirements related to the operation's traceability and recall policy and procedures including the overall traceability system, recall program, mock recall, and compliance procedures.

Product Storage

Requirements related to the operation's storage policies and procedures including product storage, storage access controls, quarantined materials segregation, storage area construction, cleaning and pest control.

Receiving & Transport

Requirements related to the operation's policies and procedures including product transfers, supplier qualifications, incoming goods inspections, raw material inspections, vehicle inspections, sealed trucks and trailers, and contract carriers.

Facility Maintenance

Requirements related to the operation's policies and procedures related to facility maintenance including a facility maintenance plan, plumbing contamination, ventilation and exhaust fans, foot disinfectant dips, conservation plan, and grounds maintenance.

Pest Control

Requirements related to the operation's pest management plan including pest contamination inspections, pest control devices and domestic animals.

Sanitation & Cleaning

Requirements related to the operation's policies and procedures for sanitation and cleaning including a master sanitation schedule, cleaning equipment and supplies, equipment identification, general cleanliness, sanitation logs, floor drain cleaning, swab testing, and product protection during cleaning.

Waste Management

Requirements related to the operation's waste management policies and procedures including a waste management plan, hazardous materials disposal, sustainable packaging, cannabis waste disposal, and waste container controls.

