

IWA 37-3:2022-10 (E)

Safety, security and sustainability of cannabis facilities and operations - Part 3: Good production practices (GPP)

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	General	10
4.1	Understanding the organization and its context	10
4.2	Understanding the needs and expectations of interested parties	10
4.3	Establishing the CQP	11
4.3.1	General	11
4.3.2	Control of externally provided processes, products or services	11
4.4	Licences	11
4.5	Policy	11
4.5.1	Establishing the CQP policy	11
4.5.2	Communicating the CQP policy	12
4.6	Organizational roles, responsibilities and authorities	12
4.6.1	General	12
4.6.2	Quality and safety team leader	12
4.6.3	Product security	13
4.7	Planning of changes	13
5	Support	13
5.1	Resources	13
5.1.1	General	13
5.1.2	People	14
5.1.3	Infrastructure	14
5.1.4	Work environment	14
5.2	Documented information	14
5.2.1	General	14
5.2.2	Creating and updating	15
5.2.3	Control of documented information	15
5.2.4	Data integrity and backup	15
6	Designing and implementing GPP within the operation	15
6.1	Development of processes	15
6.2	Establishing criteria for processes	16
6.2.1	Characteristics of raw materials, ingredients and product contact materials	16
6.2.2	Characteristics of end products (finished products)	16
6.2.3	Intended use	17
6.2.4	Flow diagrams and description of processes	17
6.3	Risk assessment/Hazard analysis	18
6.3.1	General	18
6.3.2	Hazard identification and determination of acceptable levels	18
6.3.3	Hazard assessment	19
6.3.4	Selection and categorization of control measures	19
6.4	Implementing process controls	20

6.4.1	Good production practices (GPP)	20
6.4.2	Control measures for significant hazards	21
6.4.3	Validation of control measures for significant hazards	21
6.4.4	Control of monitoring and measuring methods	22
6.5	Process control documentation	22
6.5.1	Master manufacturing records (MMRs)	22
6.5.2	Batch manufacturing records	23
6.6	Verification related to GPP and the hazard control plan	24
6.6.1	Verification	24
6.6.2	Verification results	24
6.6.3	Analysis of results of verification activities	25
6.7	Laboratory system/Product testing	25
6.7.1	Testing for phytocannabinoids	25
6.7.2	Testing for contaminants	25
6.7.3	Testing for pesticides	26
6.7.4	Sample retention	26
6.7.5	Durable life/Durable life date	26
6.8	Control of product and process nonconformities	27
6.8.1	General	27
6.8.2	Corrections	27
6.8.3	Corrective actions	28
6.8.4	Handling of potentially unsafe products	28
6.9	Complaint management	30
6.10	Identification and traceability	30
6.11	Packaging system	31
6.11.1	General	31
6.11.2	Packaging: Sustainability, safety and quality	31
6.11.3	Packaging: Containers and wrappers	31
6.11.4	Packaging labelling: Product identifiers	32
6.11.5	Packaging labelling: Advertising	33
Annex A (normative) GPP for cannabis and cannabis product quality and safety		34
Annex B (informative) Guidance on applying GPP to cannabis edibles		54
Bibliography		66