

CFR – Code of Federal Regulations

Your Objectives:

At the end of this lesson “CFR – Code of Federal Regulations” you should be able to identify and apply CFR as appropriate.

The **Code of Federal Regulations (CFR)** is the codification of the general and permanent **rules** and **regulations** (sometimes called administrative law) published in the **Federal** Register by the executive departments and agencies of the **federal** government of the United States.

In addition to the United States Code, the Code of Federal Regulations is another important source of federal law in the United States.

While the United States Code usually only contains laws passed by the United States Congress in the normal legislative process, the Code of Federal Regulations includes federal government regulations. These are published **chronologically** in the Federal Register and summarized once a year in the Code of Federal Regulations. 21 CFR and the prescriptions in ICH 7 - 11 are particularly important for food and **pharmaceuticals**.

The following parts of 21 CFR are especially important to **practices** at Biogen: Parts 210 and 211: current Good Manufacturing Practices (cGMP) Part 11: Electronic Records, Electronic Signatures. These regulations set forth the **minimum** standards to ensure the **safety** and **purity** of food and drug products manufactured in the US.

21 CFR Parts 210 and 211 describe the **regulations** for current Good Manufacturing Practices (cGMP). Because the FDA continually interprets and **revises** GMP based on **industry** practices, new technology, and other **observations**, the lower case “c” indicates that the FDA expects companies to be aware of revisions and observe current practices.

Subpart A--General Provisions

[§ 211.1](#) - Scope.

[§ 211.3](#) - Definitions.

Subpart B--Organization and Personnel

[§ 211.22](#) - Responsibilities of quality control unit.

[§ 211.25](#) - Personnel qualifications.

[§ 211.28](#) - Personnel responsibilities.

[§ 211.34](#) - Consultants.

Subpart C--Buildings and Facilities

- [§ 211.42](#) - Design and construction features.
- [§ 211.44](#) - Lighting.
- [§ 211.46](#) - Ventilation, air **filtration**, air heating and **cooling**.
- [§ 211.48](#) - Plumbing.
- [§ 211.50](#) - Sewage and refuse.
- [§ 211.52](#) - Washing and toilet facilities.
- [§ 211.56](#) - Sanitation.
- [§ 211.58](#) - Maintenance.

Subpart D--Equipment

- [§ 211.63](#) - Equipment design, size, and location.
- [§ 211.65](#) - Equipment construction.
- [§ 211.67](#) - Equipment **cleaning** and **maintenance**.
- [§ 211.68](#) - Automatic, **mechanical**, and **electronic** equipment.
- [§ 211.72](#) - Filters.

Subpart E--Control of Components and Drug Product Containers and Closures

- [§ 211.80](#) - General requirements.
- [§ 211.82](#) - Receipt and storage of untested components, drug product containers, and closures.
- [§ 211.84](#) - Testing and approval or rejection of **components**, drug product containers, and closures.
- [§ 211.86](#) - Use of approved components, drug product **containers**, and closures.
- [§ 211.87](#) - Retesting of approved components, drug product containers, and closures.
- [§ 211.89](#) - Rejected components, drug product containers, and closures.
- [§ 211.94](#) - Drug product containers and closures.

Subpart F--Production and Process Controls

- [§ 211.100](#) - Written procedures; deviations.
- [§ 211.101](#) - Charge-in of components.
- [§ 211.103](#) - Calculation of yield.
- [§ 211.105](#) - Equipment identification.
- [§ 211.110](#) - Sampling and **testing** of in-process materials and drug products.
- [§ 211.111](#) - Time limitations on production.
- [§ 211.113](#) - Control of microbiological **contamination**.
- [§ 211.115](#) - Reprocessing.

Subpart G--Packaging and Labeling Control

- [§ 211.122](#) - Materials **examination** and usage criteria.
- [§ 211.125](#) - Labeling issuance.
- [§ 211.130](#) - Packaging and **labeling** operations.
- [§ 211.132](#) - Tamper-evident packaging requirements for over-the-counter (OTC) human drug products.

[§ 211.134](#) - Drug **product** inspection.

[§ 211.137](#) - Expiration dating.

Subpart H--Holding and Distribution

[§ 211.142](#) - Warehousing **procedures**.

[§ 211.150](#) - Distribution procedures.

Subpart I--Laboratory Controls

[§ 211.160](#) - General requirements.

[§ 211.165](#) - Testing and release for distribution.

[§ 211.166](#) - Stability testing.

[§ 211.167](#) - Special testing requirements.

[§ 211.170](#) - Reserve samples.

[§ 211.173](#) - Laboratory animals.

[§ 211.176](#) - Penicillin contamination.

Subpart J--Records and Reports

[§ 211.180](#) - General requirements.

[§ 211.182](#) - Equipment cleaning and use log.

[§ 211.184](#) - Component, drug product container, closure, and labeling records.

[§ 211.186](#) - Master production and control records.

[§ 211.188](#) - Batch production and control **records**.

[§ 211.192](#) - Production record review.

[§ 211.194](#) - Laboratory records.

[§ 211.196](#) - Distribution records.

[§ 211.198](#) - Complaint files.

Subpart K--Returned and Salvaged Drug Products

[§ 211.204](#) - Returned drug products.

[§ 211.208](#) - Drug product salvaging.

Additional information: <http://academy.gmp-compliance.org/guidemgr/files/1-1-1.PDF>