

Sr. No.	Catagory	Guideline
Sr. 10.	Category	
1.	QMS	Deviation deviation handling and quality risk management WHO, july-2013 ICH Q10 (international conference on harmonization) PQS-10) 21 CFR 211.100 (Deviation description) PICS-2013-Guid to good manufacturing practice for medical product. Risk management ICH-Q9 ICH Q9 (Quality Risk Management- Step 4) November 9, 2005 WHO TRS no.961-2013-WHO guideline in quality risk management PICS PE-009-15 MAY-2021 Change control Central drugs standard control organization CDSCO/PAC1108 ICH-Q10- pharmaceutical quality system WHO TRS NO-992,2015 annex-3-guideline on good manufacturing practice Guideline for industrial-QS guide (change control and CAPA) 21 CFR 211.100 (Deviation) OOS(out of specification) USFDA_2022 -Investigating Out-of-Specification (OOS)Test Results for Pharmaceutical Production Guidance for Industry-May 2022 CAPA (corrective and preventive action) FDA- investigation to determination root cause relating to product ,processes, and thequality system ICH Q10 (international conference on harmonization) PQS-10) FDA-sept-2006 pharmaceutical CGMP regulations for change control, CAPA, riskassessments. Handling Of Market Complaint-schedule-M Drug and cosmetic act-1940 & drug and cosmetic rules 1945, india
		> 21code of federal regulation ,part-211
2.	HVAC qualification ✓ Air velocity ✓ ACPH ✓ Integrity ✓ NVPC ✓ Containment leak test ✓ Recovery test ✓ Viable EMP	 Air velocity-WHO GMP for HVAC-2016/WHO feb-2018 WHO GMP, Annex 1: Manufacture of Sterile Products ACPH- schedule-M grade B,C,D ACPH should not be less than 20 ACP/min Integrity (PAO)- ISO-14644-3-2005 NVPC- Annex 1: Manufacture of Sterile Products Airflow direction test and visualization- ISO 14644-3 -2019 Recovery test- ISO 14644-3 -2019 Containment leak test- ISO 14644-3 -2019 Segregation test- ISO 14644-3 -2019 Viable- Annex 1: Manufacture of Sterile Products ISO-14644-1,2, ISO 14644-3 2019
3.	AUTOCLAVE	 HTM-2010- Health Technical Memorandum-TR-48 HTM-2016- Health Technical Memorandum EN-285 2015- European standard norms PDA-Technical Monograph no. 1, 2002 revision- industrial moist heat sterilization inautoclaves



4.		➤ PDA TR-03 2013-validation of dry heat process used for depyrogenation
	Depyrogenation	andsterilization
	Tunnel	EU GMP Annex-I
C N	a .	> US FDA 2004
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		➤ USP CHAPTER 1228
		➤ USP Chapter <85> recommended depyrogenation temperature is 250 °C for 30
		min. European pharmacopoeia 10.3
5.		HTM-2010- Health Technical Memorandum-TR-48
<i>J</i> .		> ISPE
	PSG	
	Temperature	➤ World Health Organization (2015). Technical Supplement 8 to WHO Technical
	mapping of Cold	Report Series, No. 961, 2011. Temperature mapping of storage area
6.	rooms, Storage	➤ ISPE-total number of sensor place –volume bases
	area &	
	Deep freezer	
		➤ PDA Technical Report No. 22 (Revised 2011) 2011 Parenteral Drug Association
		➤ USFDA September 2004 Sterile Drug Products
		Produced by Aseptic Processing — U.S. Department of Health and Human
7.		Services Food and Drug Administration
		PIC/S PHARMACEUTICAL INSPECTION CO-OPERATION
	Media fill	SCHEME PI 007-6 1 January 2011
		EU (EUROPEAN COMMISSION) Annex-1 25 November 2008 Manufacture
		of Sterile Medicinal Products FDA-guideline for industry -process validation general principles and practices -
8.		2011
0.	Process validation	EU GMP annex-15
		➤ PIC/S-PI 006-3 25 September 2007
		➤ ACTIVE PHARMACEUTICAL INGREDIENTS COMMITTEE (APIC) -
		guidance on aspects of cleaning validation in API plants-sept-2016
9.		➤ PDA-TR NO-29-2012
	Cleaning	ISPE-cleaning validation life cycle -2020
	validation	► USFDA guideline on cleaning validation (guide to inspections validation of
		cleaning process FDA-1993) LISP, the Congrel Chapters (1700) Visual Inspection of Injections
10.		 USP- the General Chapters (1790) Visual Inspection of Injections. IPA-visual inspection of sterile products best practices document-2021
10.	Visual inspection	A-visual hispection of sterne products best practices document-2021
		➤ ISO: 8573 -1:2010 (International Organization for Standardization)
11.	Compressed Air	➤ ISPE -for Good practice guide: PROCESS GASES-2011
	Gas Qualification	
		EN12021(European standard norms)
		➤ USP (United States Pharmacopeia – National Formulary)
4.5	Nitrogen Air Gas	➤ ISPE -for Good practice guide: PROCESS GASES-2011 PROPRIETE PR
12.	Qualification	 BP(British pharmacopoeia)-2021) European Pharmacopoeia (Ph. Eur.) 10th Edition
		European Pharmacopoeia (Ph. Eur.) 10th Edition



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13.	Good Aseptic Practices	 US FDA guideline for industry ,sterile drug product by aseptic processing current good manufacturing practice ,september-2004-Good aseptic practices (pharmaceutical injection) PICS GMPPE-009-16-guide to good manufacturing practices for medical product annexure
14.	Data integrity	 USFDA-Data Integrity and Compliance With Drug CGMP Questions and Answers Guidance for Industry- December 2018- MHRA-2015-data integrity definition and guidance for industry WHO-2015-guidence on good data and record management practices. PIC/S-2016-good practice for data management and integrity. Data integrity: refers to the completeness, consistency, and accuracy of data. Complete, consistent, and accurate data should be attributable, legible, contemporaneously recorded, original or a true copy, and accurate (ALCOA). metadata"- A data value is by itself meaningless without additional information about the data- FDA allowed to look at electronic records
15.	CSV	> GAMP 5- A risk based approach to compliant Gxp computerized systems.
16.	Self-Inspection, Batch Record Review	> WHO annex-2 Good Manufacturing Practices For Pharmaceutical Products
17.	Quality Assurance Of Pharmaceuticals	> WHO Volume 2, 2nd updated edition –For Quality assurance of pharmaceuticals
	Q1A	Stability testing of new drug substances and products
	Q1B	Stability testing: photo stability testing of new drug substances and products
	Q1C	Stability testing for new dosage forms
	Q1D	Bracketing and matrixing designs for stability testing of new drug substances and products
	Q1E	Evaluation for stability data
	Q2	Validation of analytical procedures: text and methodology
	Q3A	Impurities in new drug substances
	Q3B	Impurities in new drug products
	Q3C	Impurities: guideline for residual solvents
	Q4	Pharmacopoeias
18.	Q5B	Quality of biotechnological products: analysis of the expression construct in cells used for production of r-dna derived protein products
	Q5C	Quality of biotechnological products: stability testing of biotechnological / biological products



Q5D	Derivation and characterization of cell substrates used for production of biotechnological/biological products
Q5E	Comparability of biotechnological/biological products subject to changes in their Manufacturing process
Q6A	Specifications: Test Procedures and Acceptance Criteria for New Drug Substances and New Drug Products: Chemical Substances
Q6B	Specifications: test procedures and acceptance criteria for biotechnological/biological products
Q7	Good Manufacturing practice for API (GMP)
Q8	Pharmaceutical development
Q9	Quality Risk Management (QRM)
Q10	Pharmaceutical Quality System (PQS)
Q11	Development & Manufacture of Drug substance (DMDS)
Q12	Technical & Regulatory Considerations for Pharmaceutical Product Lifecycle Management
Q13	Continuous Manufacturing for Drug Substances and Drug Products
Q14	Analytical Procedure Development and Revision of Q2 (R1) Analytical Validation