

Table of Contents

1	Introduction	7
1.1	Purpose of this Manual	7
2	Scope	9
2.1	Target Areas (Buildings and Facilities).....	9
2.2	Intended Audience	9
3	Guidance for Operation.....	11
3.1	Pest Control Governance Organization at the Pharmaceutical Manufacturing Site	11
3.2	Involvement of Pest Control Governance Organization on Construction.....	12
3.3	Pest Control Training to Personnel Involved in Construction.....	16
3.4	Examples of Installation and Application of Monitoring Traps.....	20
4	Buildings and Facilities	25
4.1	Gaps (Architectural Issues).....	25
4.2	Gaps (Facility Issues)	56
4.3	Dew Condensation.....	65
4.4	Drainage	70
4.5	Periphery of Building.....	78
5	The Basics on Architectural and Facility Specifications	83
5.1	Caulking	83
5.2	Exterior Walls	90
5.3	Inner Walls (Partition)	91
5.4	Baseboards.....	93
5.5	Floors	94
5.6	Drainage System	98
5.7	Ventilation	102
5.8	Lighting	102
5.9	Air Showers/Pest Control Air Curtains	104
5.10	Chemical Pest Control	109
5.11	Greening	120
6	Insect Library	123
6.1	Insect Categories	123
6.2	Insect Library Information Management	123
6.3	Insect/Pest References.....	125
7	Citations and References	169
8	Glossary	171