

# ISO/ASTM 51940:2013-04 (E)

## Guide for dosimetry for sterile insects release programs

---

| <b>Contents</b>                                    | <b>Page</b> |
|----------------------------------------------------|-------------|
| 1 Scope .....                                      | 1           |
| 2 Referenced documents .....                       | 1           |
| 3 Terminology .....                                | 2           |
| 4 Significance and use .....                       | 3           |
| 5 Types of facilities and modes of operation ..... | 4           |
| 6 Radiation source characteristics .....           | 5           |
| 7 Dosimetry systems .....                          | 5           |
| 8 Installation and operational qualification ..... | 6           |
| 9 Performance qualification .....                  | 7           |
| 10 Routine product processing .....                | 8           |
| 11 Measurement uncertainty .....                   | 9           |
| 12 Keywords .....                                  | 9           |
| Annexes .....                                      | 9           |
| Bibliography .....                                 | 11          |
| Table A2.1 Recommended Procedures .....            | 11          |