



Technical Exchange on Gamma Irradiator Security and Alternative Technologies

Agenda (Draft as of 05 December 2025)

09:00 — 09:30 OPENING SESSION

Welcome remarks from IIAI and WINS
Special remarks from AERB (TBC)
Objectives and agenda of the Technical Exchange
Introduction of participants

09:30 – 12:30 SESSION ONE – SECURITY FUNDAMENTALS

Presentation: Fundamentals of gamma irradiator security and alternative technologies (iia)

Presentation: Designing and implementing security measures for a gamma irradiator. An operator perspective (Microtrol Sterilisation Services, India)

(COFFEE BREAK)

Break-out groups to exchange experience of protecting gamma irradiators

Presentation: Security by design: today and in the future (Symec Engineers, India)

Discussion on security considerations for non-standard operations such as source installation and irradiator maintenance

12:30 – 13:30 LUNCH

13:30 – 14:15 SESSION TWO – CYBERSECURITY

Presentation: An introduction to Cybersecurity programmes at gamma irradiators (Sandia National Laboratories, USA)

Discussion to further explore cybersecurity needs for gamma irradiators

14:15 – 15:30 SESSION THREE – ALTERNATIVE TECHNOLOGIES

Presentation: Applications and opportunities for E-beam technology (National Center for Electron Beam Research, USA)

Presentation: An introduction to Indian E-beam technology

Panel Discussion to explore the adoption of E-beam in India

15:30 – 15:45 COFFEE BREAK

15:45 – 16:30 CLOSING SESSION

Presentation: Sustaining and Continuous Improvement of Security Arrangements (WINS)

Discussion to consolidate key points and main take-aways

Closing remarks from WINS and IIAI