

HEALTH AND SAFETYFigure 2. Inverse Square Law

$$R2 = R1 \times ((D1/D2) \text{ squared})$$

R1 = Dose rate at distance D1 from a point source of gamma.

R2 = Unknown dose rate at distance D2 from a point source of gamma.

D1 = Known distance from point source of gamma where R1 was measured.

D2 = Known distance from point source of gamma for which R2 shall be computed.