DO'S AND DON'T'S IN INDUSTRIAL RADIOGRAPHY PRACTICE

DO'S

1) EXTEND THE DRIVE CABLE AND THE GUIDE TUBE OF THE GAMMA EXPOSURE DEVICE AND THE ELECTRIC CABLE OF THE X-RAY MACHINE COMPLETELY.
2) ALWAYS CARRY OUT FIELD RADIOGRAPHY WORK WHERE IT IS OF LOW OCCUPANCY
3) CARRY OUT FIELD RADIOGRAPHY WITH CORRECT COLLIMATOR.
4) ALWAYS ENSURE THAT THE CORDONED AREA IS UNDER OBSERVATION THROUGH OUT THE EXPOSURE.
5) ALWAYS ENSURE AUDIBLE ALARM AND WARNING LIGHTS ARE PLACED AT THE IMMEDIATE VICINITY
6) ALWAYS ENSURE THAT THE GAMMA EXPOSURE DEVICES ARE STORED IN A PIT AND ADEQUATE SECURITY MEASURES ARE PROVIDED
7) ALWAYS MAINTAIN A LOG BOOK WITH UP-TO-DATE ENTRIES IN STANDARD FORMAT
8) ALWAYS WEAR A TLD/DRD BADGE DURING EXPOSURE
9) ALWAYS MAINTAIN CORRECT WORK PROCEDURES
10) ALWAYS ENSURE THAT THE SOURCE CONTROL OR SHUTTER MECHANISM IS LOCKED, ALL PORT PLUGS ARE FIRMLY SECURED AND SURVEY METER USED TO VERIFY THE SOURCE IN THE FULLY SHIELDED POSITION.

DONT'S

1) NEVER ALLOW A TRAINEE TO OPERATE THE EXPOSURE DEVICE WITHOUT SUPERVISION.
2) NEVER ALLOW THE ADJACENT RADIOGRAPHY SITES TO OVERLAP.
3) NEVER TRANSPORT GAMMA EXPOSURE DEVICES IN PUBLIC TRANSPORT
4) NEVER USE SOME ONE ELSE'S TLD. TLDS ARE NOT TRANSFERABLE
5) NEVER TRANSFER/ DISPOSE THE GAMMA CAMERAS WITHOUT PERMISSION FROM AERB
6) NEVER CARRY OUT RADIOGRAPHY ACTIVITIES WHEN RSO LEAVES THE INSTITUTION
7) NEVER SHARE, LOAN OR BORROW FROM ANOTHER RADIOGRAPHY AGENCY, ANY OF THE RADIOGRAPHY FACILITIES, E.G. RADIOGRAPHY ENCLOSURE, STORAGE ROOM, RADIOGRAPHY EQUIPMENT, RADIATION MONITORS AND RADIOGRAPHY PERSONNEL, EXCEPT WHEN PERMITTED TO DO SO BY THE COMPETENT AUTHORITY.
8) NEVER LEAVE THE GAMMA CAMERA UNATTENDED IN THE VEHICLE WHILE TRANSPORTING IT TO DIFFERENT SITES FOR RADIOGRAPHY.
9) NEVER ENTER AREAS OF POTENTIALLY HIGH, BUT UNKNOWN, DOSE RATES UNLESS CARRYING A FUNCTIONAL SURVEY METER AND, PREFERABLY, WEARING A PERSONAL ALARM MONITOR AND/OR DIRECT READING DOSIMETER
10) NEVER TOUCH A RADIOACTIVE SOURCE OR ALLOW HANDS TO COME CLOSE TO IT