



BRIT

BOARD OF RADIATION & ISOTOPE TECHNOLOGY
DEPARTMENT OF ATOMIC ENERGY
GOVERNMENT OF INDIA

List of Some Abbreviations Commonly Used in conjunction with BRIT

ACTREC	Advanced Centre for Treatment Research and Education in Cancer
AERB	Atomic Energy Regulatory Board
AEC	Atomic Energy Commission
ALARA	As Low As Reasonably Achievable
ALI	Annual Limit of Intake
AMS	Americium (Am-241) reference Source (electrodeposited)
APC	Apex Pricing Committee
ASO	Assistant Security Officer/ Assistant Stores Officer
ATP	Adenosine triphosphate
AWB	Air Way Bill (Numbers)
BARC	Bhabha Atomic Research Centre
BAX	Barium (Ba-133) X-ray Reference Source
BDB	Beta Disc Box (Ref. Source Kits)
BI	Biological Indicator (microbiological control)
BI 2000	Blood Irradiator 2000
Bq	Becquerel (MBq, GBq and TBq)
BRIT	Board of Radiation & Isotope Technology
BRNS	Board of Research in Nuclear Sciences

BRS	Beta Reference Sources
BTK	Molecular Biology Teaching Kit
CAO	Chief Administrative Officer
Ci	Curie (μCi , mCi , kCi , MCi)
C&I	Control and Instrumentation (group)
CE	Chief Executive
CMR	Custom Made Radiation sources
CSON	Custom Synthesized Oligonucleotides
CSSC	Customer Support (Services Cell)
COR	Cobalt-60 Radiography sources
COSM	Cobalt-57 Spot Marker (source)
COI	Cobalt (Co-60) Industrial Irradiator Sources (code)
COX	Cobalt (Co-57) X-ray Reference Source
CRM	Customer Relation Manager
CSI	Cesium (Cs-137) Source for Nucleonic Gauges
CT	Computerised Tomography
CTS	Cobalt-60 Teletherapy Source
Dmax	Maximum Dose (Radn. Proc.)
Dmin	Minimum Dose (Radn. Proc.)
DAE	Department of Atomic Energy
DCA	Deputy Controller of Accounts
DCTS	Disposal of decayed imported Cobalt-60 Teletherapy Sources

DGM	Deputy General Manager
DHDR	Disposal of Decayed HDR Ir-192 sources
DMSA	Dimercapto succinic acid
DNA	Deoxyribonucleic acid
DNGB	Disposal of decayed Nucleonic Gauge sources (BRIT/DAE)
DNGI	Disposal of decayed Nucleonic Gauge sources (Imported)
DTPA	Diethylenetriaminepentaacetic acid
DUR	Dose Uniformity Ratio (Radn. Proc.)
EB	Electron Beam
EBPS	Electron Beam Processing Service
EBU	Electron Beam Utilization
E&CP	Engineering & Corporate Planning
EC	Electron Capture
EC	Ethylene dicysteine diacid
ECD	Ethyl cystienate dimer
ECD	Electrodeposited Cadmium-109 Source (code ECD-1)
ES	Engineering Support (Services Unit)
eV	Electron Volt (keV, Mev)
FDA	Food & Drug Administration
FDG	Fluoro-Deoxy Glucose
FLT	Fluoro deoxy Thymidine
FMISO	Fluoromisonidazole

FMP	Fission Molybdenum Project
GBq	Giga Becquerel
GC 1200	Gamma Chamber 1200
GC 5000	Gamma Chamber 5000
GDB	Gamma Disc Box (ref. source kit)
GDS	Gamma (reference) Disc Sources
GHA	Glucoheptonate
GM	General Manager
GRPS	Gamma Radiation Processing Services
GRPF	Gamma Radiation Processing Facilities
GRS	Gamma (reference) Rod sources
Gy	Gray
HIRUP	High Intensity Radiation Utilization Programme
HVL	Half Value Layer
HVT	Half Value Thickness
HWB	Heavy Water Board
IAEA	International Atomic Energy Agency
IAS	Isotope Application Services
IANCAS	Indian Association of Nuclear Chemists and Allied Scientists
ICT	Industrial Computed Tomography
IGCAR	Indira Gandhi Centre for Atomic Research

IGRED	Industrial (Gamma) Radiography Exposure Device
INS	Indian Nuclear Society
IOX	Iodine (125) X-ray reference source
IPR	Immovable Property Returns
IRGD	Industrial Radiation Gauging Devices
IRMA	Immunoradiometric Assay
IRMAK	Immunoradiometric Assay Kit
IRR	Iridium-192 Radiography Sources
ISNT	Indian Society for Non-Destructive Testing
ISO	International Organization for Standardization
keV	Kilo electron Volt
kCi	Kilo Curie
LBIR	Low Dose/Blood Irradiator
LC	Labelled Compounds
LCC	Labelled Compound Carbon-14
LCCS	Labelled Carbon-14 Custom Synthesis
LCE	Taq DNA Polymerase Enzyme (code)
LCK	Labeling Core Kits (Molecular Biology Kits)
LCP	Labelled Compound Phosphorus-32
LCS	Labelled Compound Sulphur-35
LCSS	Labelled Custom Synthesis (Sulphur-35)
LCST	Labelled Custom Synthesis (Tritium)

LCT	Labelled Compound Tritium
LDI	Low Dose Irradiator
LET	Linear Energy Transfer
LSA	Low Specific Activity material (for transport)
M&S	Marketing & Services
MBq	Mega Becquerel
mCi	milli Curie
MCi	Mega Curie
MCF	Medical Cyclotron Facility
MDP	Methylene Diphosphonate
MeV	Million electron Volt
Mgr	Manager
MIBG	Meta Iodobenzylguanidine
MIBI	methoxyisobutyleisonitrile
MIG	Management & Informatics Group
MoU	Memorandum of Understanding
mSv	mili Sievert
NAARI	National Association for Applications of Radioisotopes and Radiation in Industry
NDT	Non-Destructive Test
NOC	No Objection Certificate
NPCIL	Nuclear Power Corporation of India Ltd.

OGFL	Organic Green Food Limited (Kolkata)
O-i-C	Officer-in-Charge
PANBIT	Panoramic Batch Irradiator
PCR	Polymerase Chain Reaction
PET	Positron Emission Tomography
PLC	Permaluci Labelled Compounds (P-32 and P-33)
PLC	Programmable Logic Control
PMT	Photomultiplier Tube
PUS	Plutonium (Pu-239) reference Source
QA	Quality Assurance
QC	Quality Control
QF	Quality Factor
QCP	Quality Control Programme
Rad	Radiation Absorbed Dose (Unit)
RAL	Radioanalytical Laboratory
RAPPCOF	Rawatbhata Atomic Power Plant Cobalt Handling Facility
RCR	Regional Centres of BRIT
rem	Roentgen equivalent man
REPF	Radiation Equipment Production Facility
RIA	Radioimmunoassay
RIAK	Radioimmunoassay Kit

RNA	Ribonucleic acid
ROLI	Remotely Operated Lead shielded Iridium camera
RMM	Roentgen per minute at 1 metre
RPhP	Radiopharmaceutical Production
RPh/QC	Radiopharmaceuticals/ Quality Control
RPP, Vashi	Radiation Processing Plant, Vashi
RSD	Radiological Safety Division
RSO	Radiological Safety Officer
RTEP	Radiation Technology Equipment Program
RT-PCR	Reverse Transcriptase - Polymerase Chain Reaction
RTI Act	Right to Information Act
SARCAR	Safety Review Committee for Applications of Radiation
SCO	Surface Contaminated Objects (classification transport)
SGM	Senior General Manager
SNM	Society of Nuclear Medicine
SPECT	Single Photon Emission Computed Tomography
SS&L	Sealed Sources & Logistics
Sv	Sievert
TBq	Tera Becquerel
Tc-99m	Technetium-99m
TCK	Technetium Cold Kit
TCG	Technetium Column Generator

TFS	Tritium Filled luminous Sources
TI	Transport Index
TLD	Thin Layer Dosimeter
TLS	Tritium Labelling Service
TP	Transport Package (code)
TMC	Tata Memorial Centre
TMR	Thulium-170 Radiography sources
TREM Card	Transport Emergency Card
TTS	Tritium Titanium Suspension
UN XXXX	United Nations Numbers (shipping & Packaging)
UCIL	Uranium Corporation of India Ltd.
VECC	Variable Energy Cyclotron Centre
WIM	Web Information Manager