

## Abbreviations

AAQM	-	Ambient Air Quality Monitoring
ASI	-	Archaeological Survey of India
BIS	-	Bureau of Indian Standard
BISAG	-	Bhaskaracharya Institute of Space Applications and Geo-informatics
BM	-	Bench Mark
BOD	-	Bio Oxygen Demand
BPL	-	Below Poverty Line
CA	-	Catchment Area
Ca	-	Calcium
CaCO <sub>3</sub>	-	Calcium Carbonate
CAT	-	Catchment Area Treatment
cc	-	Cement Concrete
c/c	-	centre to centre
°C	-	Degree Centigrade
cm	-	Centi metre
CMO	-	Construction Management Organisation
CS	-	Cross Section
CMDD	-	Concrete Masonry Design Directorate
Cmm	-	Cubic metre per minute
COD	-	Chemical Oxygen Demand
CSMRS	-	Central Soil and Material Research Station
Cumec	-	Cubic metre per second
CWC	-	Central Water Commission
CW&PRS	-	Central Water & Power Research Station
DH	-	Drill Hole
DBE	-	Design Basis Earthquake
DO	-	Dissolved Oxygen
DPOL	-	Diesel, Petrol, Oil and Lubricants
DPR	-	Detailed Project Report
DSL	-	Dead Storage level
DT	-	Double Tertiary
E	-	East
EIA	-	Environmental Impact Assessment
E&M	-	Electrical & Mechanical
EL	-	Elevation level
FB	-	Fore Bearing
FRL	-	Full Reservoir Level

g	-	Acceleration due to gravity
G&D	-	Gauge & Discharge
GoG	-	Government of Gujarat
GOM	-	Government of Maharashtra
GSI	-	Geological Survey of India
GW	-	Ground Water
H	-	Horizontal
ha	-	hectare
HP	-	Horse Power
hr	-	Hour
ham	-	hectare-metre
HCD	-	Hydel Civil Design
HEP	-	Hydro Electric Project
HT	-	High Tension
IC	-	Installed Capacity
IMD	-	Indian Meteorological Department
ISA	-	Indian Standard Angle
IRR	-	Internal Rate of Return
ISHB	-	Indian Standard Heavy weight Beam
ISMB	-	Indian Standard Medium weight Beam
ISMC	-	Indian Standard Medium weight Channel
K	-	Potassium
kg	-	Kilogram
km	-	Kilometre
km/hr	-	Kilometre per hour
kV	-	Kilo Volt
kWh	-	Kilowatt hour
kW	-	Kilo Watt
LS	-	Lump Sum
LT	-	Low Tension
m	-	Metre
m <sup>3</sup>	-	Cubic metre
MoTA	-	Ministry of Tribal Affairs
MCE	-	Maximum Considered Earthquake
MCGM	-	Municipal Corporation of Greater Mumbai
Mm <sup>3</sup>	-	Million Cubic Metre
MDDL	-	Minimum Draw-down Level
Mg	-	Magnesium
Mg/L	-	Milligram per liter
MkWh/MU	-	Million Kilowatt hour/Million Units

MLD	-	Million Liter per Day
mm	-	Millimetre
MoEF	-	Ministry of Environment & Forests
MoU	-	Memorandum of Understanding
m/sec	-	metre per Second
MSEB	-	Maharashtra State Electricity Board
MWL	-	Maximum Water Level
MW	-	Mega Watt
N	-	North
NA	-	Not Available
Na	-	Sodium
NH	-	National Highway
NH <sub>3</sub>	-	Ammonia
No <sub>3</sub>	-	Nitrate
NOF	-	Non Over-Flow
NO <sub>x</sub>	-	Oxides of Nitrogen
NPP	-	National Perspective plan.
NRSA	-	National Remote Sensing Agency
NSL	-	Natural Surface Level
NTPC	-	National Thermal Power Corporation
NWDA	-	National Water Development Agency
P	-	Phosphorus
PAF	-	Project Affected Families
PAP	-	Project Affected People
PBM	-	Permanent Bench Mark
PCC	-	Plain Cement Concrete
PGA	-	Peak Ground Acceleration
PH	-	Power House
PLF	-	Power Load Factor
PMF	-	Probable Maximum Flood
PMP	-	Probable Maximum Precipitation
PTN	-	Par – Tapi – Narmada Link
R&R	-	Resettlement & Rehabilitation
RCC	-	Reinforced Cement Concrete
RD	-	Reduced Distance
RH	-	Relative Humidity
RL	-	Reduced Level
RQD	-	Rock Quality Designation
RRSC	-	Regional Remote Sensing Center
S	-	South

SAR	-	Sodium Absorption Ratio
SC	-	Scheduled Caste
SFR	-	Sheep Foot Roller
SFRS	-	Steel Fiber Reinforced Shotcrete
SOR	-	Schedule of Rates
So <sub>2</sub>	-	Sulphur dioxide
SPM	-	Suspended Particulate Matter
SPS	-	Standard Project Storm
km <sup>2</sup>	-	Square Kilometre
ST	-	Schedule Tribe
t	-	Tonnes
T&P	-	Tools & Plants
TAC	-	Technical Advisory Committee
TBM	-	Temporary Bench Mark
TD	-	Temporal Distribution
TDS	-	Total Dissolved Solids
THDC	-	Tehri Hydro Development Corporation
TSS	-	Total Suspended Solids
TWL	-	Tail Water Level
UH	-	Unit Hydrograph
USR	-	Unified Schedule of rates
u/s	-	Up-stream side
UT	-	Union Territory
V	-	Vertical
W	-	West
WAPCOS	-	Water And Power Consultancy Services