ABBREVIATIONS

A	Angstroms
Ac	Area
Az	Azimuth angle
ACC	Associated Cement Company
C	Centigrade
Cp	Specific heat
CFCs	Chloro Fluoro Carbons
COP	Coefficient of Performance
CPC	Compound Parabolic Concentrator
cc	Cubmic Centimeter
cm	Centi meter
E	Trap depth
Ef	Fermi level
Et	Equation of time
EEC	European Economic Community
e	Excited state
f(E)	Fermi-Dirac distribution function
G	Total solar radiation
g	Ground state
gms	Gram
hrs	Hours
Isc	Solar Constant
IPCL	Indian Petrochemicals Corporation Ltd.
IR	Infra red
IST	Indian Standard Time
J	Jules

Kgs	Kilograms
K	Kelvin
Kb	Boltzman's constant
Kcal	Kilo calories
km	kilometer
L	Latent heat
La	Latitude angle
LMTD	Log Mean Temperature Difference
l	Litre
MeV	Million electron volts
MS	Mild steel
m	Meters
m_a	Mass
min	Minutes
ml	Milli litre
mm	Milli meter
N(E)	Density of occupied energy levels
NTL	Natural Thermoluminescence
n	Day of the year
P	Pressure
PMT	Photo Multiplier Tube
ppm	Parts per million
Q	Rate of Heat Transfer
Qu	Useful energy
R	Radius of the sun
RT	Refrigeration Tons
S	Solar radiation absorbed by collector

So	Constant
s	Seconds
sq m	Square meter
T	Temperature
Ta	Ambient temperature
Tg	Glow temperature
Ti	Initial temperature
TL	Thermoluminescence
Tp, m	Mean absorber temperature
t	Time
U	Heat transfer coefficient
Ul	Overall heat loss coefficient
UV	Ultra Violet
VAS	Vapour Absorption System
VCS	Vapour Compression System
VJS	Vapour Jet System
W	Watts
Z(E)	Density of available energy levels
α	Altitude angle
η	Efficiency
θ_z	Zenith angle
μ	Micron
ρ	Density
σ	Stefan - Bottzman Constant
ϕ	Longitude
ω	Hour angle
δ	Declination of the sun