T13 UNITS TO BE USED

Quantity	Unit	Abbreviation
ACCELERATION	metre per square second	m/s^2
ACTIVE ALKALI IN LIQUOR (EFFECTIVE)	gram NaOH per litre	g NaOH/l
AIR HUMIDITY	gram per cubic metre	g/m^3
AMOUNT OF SUBSTANCE	mole	mol
ANGLE	degree	^{o}
APPARENT POWER	volt ampere	VA (W)
	kilovolt ampere	kVA (kW)
	megavolt ampere	MVA (MW)
AREA	square metre	m^2
	square centimetre	cm^2
	square millimetre	mm^2
BIOLOGICAL OXYGEN DEMAND (BOD)	milligram per litre	mg/l
	gram per litre	g/l
	ton per day	t/d
BRIGHTNESS	percent ISO	% ISO
CALORIC (HEAT) VALUE	kilojoule per kilogram	kJ/kg
	megajoule per kilogram	MJ/kg
HEAT TRANSFER COEFFICIENT	watt per degree and m^2	$W/(^oC\ m^2)$
COMPRESSION STRENGTH	newton per square millimetre	N/mm^2
CONCENTRATION	mole per cubic decimetre	mol/dm^3
	gram per litre	g/l
CONDUCTANCE	siemens	S
CONDUCTIVITY	millisiemens per metre	mS/m
	siemens per metre	S/m
CONSISTENCY	percent	%
CONTENT, CONCENTRATION	milligram per kilogram	mg/kg
	milligram per cubic metre	mg/m^3
	gram per litre	g/l
	milligram per normal m^3	mg/m^3n
DENSITY	kilogram per cubic decimetre	kg/dm^3
DRY SOLID CONTENT	percent	%
DYNAMIC VISCOSITY	millipascal second	mPa s
EFFECTIVE (ACTIVE) POWER	watt	W
	kilowatt	kW
	megawatt	MW
ELASTICITY MODULUS	newton per square millimetre	N/mm^2
ELECTRIC CHARGE	coulombe	C
ELECTROLYTIC CONDUCTIVITY	millisiemens per metre	mS/m
	siemens per metre	S/m
ELECTRIC CURRENT	ampere	A
	kiloampere	kA
	milliampere	mA
ELECTRICAL ENERGY	kilowatt hour	kWh
	megawatt hour	MWh
	gigawatt hour	GWh

Quantity	Unit	Abbreviation
ENERGY, WORK	kilojoule	kJ
	megajoule	MJ
	gigajoule	GJ
FORCE	newton	N
	kilonewton	kN
	meganewton	MN
FREENESS	millilitre	ml
FREQUENCY	hertz	Hz
	kilohertz	kHz
GRAMMAGE	gram per square metre	g/m^2
GRAVITY	newton	N
HEAT, QUANTITY OF HEAT	kilojoule	kJ
HUMIDITY	percent	%
HUMIDITY OF AIR	gram per cubic metre	g/m^3
ILLUMINANCE	lux	lx
KINEMATIC VISCOSITY	square millimetre per second	mm^2/s
LENGTH	millimetre	mm
	metre	m
LUMINOUS FLUX	lumen	lm
LUMINOUS INTENSITY	candela	cd
KAPPA NUMBER	-	-
MASS	kilogram	kg
	ton	t
	gram	g
	milligram	mg
MASS RATE OF FLOW	kilogram per second	kg/s
	(90%) air-dry tonne per day	ADt/d
MOMENT OF FORCE	newton metre	Nm
MOMENTUM, IMPULSE	kilogram metre per second	kgm/s
PHASE DIFFERENCE (ELECTRIC POWER FACTOR)	cos phi	cos φ
PRESSURE		
- absolute pressure	bar (abs)	bar (abs)
- in air ducts	pascal	Pa
- pumps	metre liquid column	mLC
	metre water column	mWC
- not indicated = overpressure	bar	bar
	megapascal	MPa
- underpressure (vacuum)	bar (abs)	bar (abs)
RADIO ACTIVITY	becquerel	Bq
	kilobecquerel	kBq
REACTION HEAT	kilojoule per kilogram	kJ/kg
	kilojoule per mole	kJ/mol
REACTIVE POWER	var	Var
	kilovar	kVar
	megavar	MVar

Quantity	Unit	Abbreviation
RESISTANCE	ohm	Ω
	kilo-ohm	kΩ
SOUND PRESSURE LEVEL	decibel	dB
SOUND PRESSURE LEVEL, A-weighted	decibel (A)	dB(A)
SOUND POWER LEVEL	decibel	dB
SOUND POWER LEVEL, A-weighted	decibel (A)	dB(A)
SPECIFIC HEAT CAPACITY	kilojoule per degree and kg	kJ/(^{o}C kg)
SPEED	metre per second	m/s
SPEED OF ROTATION	rounds per second	1/s
	rounds per minute	1/min
STRESS	kilopascal	kPa
	megapascal	MPa
	newton per square millimetre	N/mm^2
SURFACE LOAD	newton per square metre	N/ m^2
	kilonewton per square metre	kN/ m^2
TEMPERATURE	degree centigrade	^{o}C
TENSION	kilopascal	kPa
	Newton per square millimetre	N/mm^2
THERMAL CONDUCTIVITY	watt per degree and metre	W/(^{o}C m)
TIME	second	s
	minute	min
	hour	h
	day	d
	year	a
WATER HARDNESS	milliequivalents per litre	mval/l
VIBRATION	millimetre per second	mm/s
	millimetre per square second	mm/s^2
VOLTAGE	volt	V
	kilovolt	kV
	millivolt	mV
VOLUME	cubic metre	m^3
	litre	l
VOLUME FLOW	litre per second	l/s
	cubic metre per day	m^3 /d
	normal cubic metre per hour	m^3 n/h
	normal cubic metre per second	m^3 n/s