

Nomenclature of units utilized in the energy field

Volume (liquids)	
Unit	Description
b	barrels
bd	daily barrels
Mb	thousands of barrels
Mbd	thousands of barrels per day
MMb	millions of barrels
MMbd	millions of barrels per day
m³	cubic meters
m³d	cubic meters per day
Mm³	thousands of cubic meters
Mm³d	thousands of cubic meters per day
MMm³	Millions of cubic meters
l	Liters
gal	gallons

Volume (gas)	
Unit	Description
m³G	cubic meter of gas
m³Gd	cubic meter of gas per day
Mm³G	thousand cubic meter of gas
Mm³Gd	thousand cubic meter of gas per day
MMm³G	millions of cubic meter of gas
MMm³Gd	millions of cubic meter of gas per day
ft³	cubic feet
ft³d	cubic feet per day
Mft³	thousands of cubic feet
Mft³d	thousands of cubic feet per day
MMft³	millions of cubic feet
MMft³d	millions of cubic feet per day
MMMft³	thousands of millions of cubic feet

Continuation

Weight	
Unit	Description
t	tonnes
td	tonnes per day
Mt	thousand of tonnes
Mtd	thousand of tonnes per day
st	short tons
lt	long tons
kg	kilograms
lb	pounds

Monetary	
Unit	Description
\$	pesos
M\$	thousands of pesos
MM\$	millions of pesos
MMM\$	thousands of millions of pesos
US\$	dollars
MUS\$	thousands of dollars
MMUS\$	millions of dollars
USc\$	dollars cents

Continuation

Energy	
Unit	Description
cal	Calories
kcal	Kilocalories
Mcal	Megacalories
Gcal	Gigacalories
Tcal	Teracalories
Pcal	Petacalories
J	Joules
TJ	Terajoules
W	Watt
kW	kilowatt
MW	megawatt
Wh	watt-hora
kWh	kilowatt-hora
MWh	megawatt-hora
GWh	gigawatt-hora
Btu	British thermal unit
MBtu	thousands of Btu
MMBtu	millions of Btu
bhfoe	barrels of heavy fuel oil equivalent
Mbhfoe	millions of heavy fuel oil equivalent
boe	barrels of oil equivalent
boed	barrels of oil equivalent per day
Mboe	thousands of barrels of oil equivalent
Mboed	thousands of barrels of oil equivalent per day
MMboe	millions of barrels of oil equivalent
MMboed	millions of barrels of oil equivalent per day

Continuation

Combined units	
Unit	Description
\$/b	pesos per barrel
\$/l	pesos per liter
\$/m³	pesos per cubic meter
\$/Mm³	pesos per thousands of cubic meters
US\$/b	dollars per barrel
US\$/gal	dollars per gallon
US\$/l	dollars per liter
US\$m³	dollars per cubic meter
USc\$/barrel	dollars cents per barrel
USc\$/gal	dollars cents per gallon
USc\$/l	dollars cents per liter
USc\$/m³	dollars cents per cubic meter
\$/m³G	pesos per cubic meter of gas
\$/Mm³G	pesos per thousands of cubic meter of gas
\$/ft³	pesos per cubic feet
\$/Mft³	pesos per thousands of cubic feet
\$/MMft³	pesos per million of cubic feet
US\$/ft³	dollars per cubic feet
US\$/Mft³	dollars per thousands of cubic feet
US\$/MMft³	dollars per million of cubic feet
USc\$/Mft³	dollars cents per thousands of cubic feet
USc\$/MMft³	dollars cents per million of cubic feet

Continuation

Combined units	
Unit	Description
\$/kg	pesos per kilogram
\$/t	pesos per tonne
US\$/kg	dollars per kilogram
US\$/lb	dollars per pound
US\$/t	dollars per tonne
US\$/st	dollars per short ton
US\$/lt	dollars per long ton
USc\$/lb	dollars cents per pound
\$/Mcal	pesos per megacalorie
\$/Gcal	pesos per gigacalorie
US\$/Gcal	dollars per gigacalorie
\$/MMBtu	pesos per million of Btu
US\$/Btu	dollars per Btu
US\$/MBtu	dollars per million of Btu
\$/Wh	pesos per watt-hora
\$/kWh	pesos per kilowatt-hora
\$/MWh	pesos per megawatt-hora
lb/in²	pounds per square inch
kg/cm²	kilograms per square centimeter
Btu/ft³	British thermal units per cubic feet
kcal/m³	kilocalories per cubic meter
kcal/m³G	kilocalories per cubic meter of gas
Pas	pascal second

Continuation

Multiples (energy)*		
Symbol	Description	Factor
P	peta	10^{15}
T	tera	10^{12}
G	giga	10^9
M	mega	10^6
k	kilo	10^3
c	centi	10^{-2}

* It does not apply to the Btu.

Multiples (volume and weight)		
Symbol	Description	Factor
M	thousands	10^3
MM	millions	10^6
MMM	thousands of millions	10^9

Note: In spite that the General System of Measurement Units established in México utilizes "M" as a multiple equal to 10^6 as it is shown in the first table of this page, the oil industry, in the practice, has used "M" as it is shown in the second table of the same page, with a value of 10^3 . Both conceptions are valid within their own contexts for internal use.

Continuation

Others	
Unit	Description
°API	API gravity
in	inch
inH₂O	water inch
SSU	saybolt universal second
cSt	centistoke
hp	horsepower
Pa	Pascal
s	second