

ANNEX:

Units Conversion Table

UNITS CONVERSION TABLE			
Old Units	SI (metric) Units	Convert	
A	B	A to B	B to A
Length		Multiply by	
inch	mm	25,4	0,0394
inch	m	0,0254	39,3700
inch	mil	1000	0.001
mil	mm	0.0254	39.37
ft (foot)	inch	12	0,0833
ft	cm	30,48	0,0328
ft	m	0,3048	3,2808
yard	m	0,9144	1,0940
Chain	m	20,1168	0,0497
mile	m	1,609	-
mile	km	1,6090	0,62137
mile (nautical)	km	1,852	0,5399
Area		Multiply by	
inch ² (in ²)	cm ²	6,451	0,155
inch ²	m ²	0,000645	1 550,150
ft ²	m ²	0,0929	10,764
sq. mile	km ²	2,5899	0,386
acre	m ²	4 046,87	-
acre	ha	0,405	2,471
hectare (ha)	m ²	10 000	0,0001
km ²	ha	100	0,01
Mass Weight		Multiply by	
oz (ounce)	g	28,35	0,0353
lb (pound)	kg	0,4536	2,205
oke	kg	1,27	0,78737
cwt (Hundredweight)	kg	50,8	0,0197
long ton (U.K.)	kg	1 016,0	-
short ton (USA)	kg	907,0	-
metric ton	kg	1 000	-
Volume Capacity		Multiply by	
inch ³ (in ³)	cm ³ (cc)	16,387	0,061
ft ³	L (liters)	28,3	0,0353
ft ³	m ³	0,0283	35,315
m ³	l	1 000	0,001
gallon (Imp.)	l	4,546	0,2199
gallon (Imp.)	m ³	0,0045	220
gallon (USA)	l	3,785	0,264
gallon (USA)	m ³	0,00378	264
1 Acre foot = 1234 m ³			

UNITS CONVERSION TABLE			
Old Units	SI (metric) Units	Convert	
A	B	A to B	B to A
Flow		Multiply by	
Imp. gal./min. (IGPM)	l/s	0,0758	13,199
Imp. gal./min. (IGPM)	l/h	272,88	0,00366
Imp. gal./min. (IGPM)	m ³ /h	0,273	3,666
U.S. gal./min.	l/s	0,0631	15,85
U.S. gal./min.	l/h	227,12	0,0044
U.S. gal./min.	m ³ /h	0,227	4,4
ft ³ /s (CFS)	l/s	28,32	0,0353
ft ³ /s (CFS)	m ³ /h	101,94	0,0098
Pressure		Multiply by	
lb/in ² (psi)	m water column	0,703	1,465
lb/in ² (psi)	Bar	0,06895	14,5
lb/in ² (psi)	kPa	6,89	0,145
kg/cm ²	m water column	10	0,1
kg/cm ²	Bar	0,981	1,0193
kg/cm ²	Atm	0,9678	1,0332
Atm.	kPa	101,3	0,00987
Atm.	kN/m ²	101,3	0,00987
Atm.	kN/m ²	0,1	10
Atm.	Bar	1,013	0,9869
Atm.	m water column	10,33	0,0968
Atm.	mm mercury column	760	0,001316
Bar	kPa	100,0	0,01
Bar	m water column	10,19	0,098
Velocity		Multiply by	
mph	km/h	1,609	0,6215
mph	m/sec	0,4469	2,2374
Heat		Multiply by	
Btu	kcal	0,252	3,968
Btu	kJ	1,055	0,9478
kcal	kJ	4,18674	0,2388
Horsepower (HP)		Multiply by	
hp	kW	0,7457	1,341
Electrical Conductivity		Multiply by	
mmhos/cm	dS/m	0,99999	0,99999