Section 22 APPENDICES

22.1 Metric Conversion

POUNDS TO KILOGRAMS FROM 0 TO 10.9 POUNDS (1 pound = 0.45359265 of a kilogram)

								ı	Fig	ur	e 2	22a
6.0	Kgs	0.40823	.86183	1.31542	1.76901	2.22260	2.67620	3.12979	3.58338	4.03697	4.49057	4.94416
0.8	Kgs	0.36287	.81647	1.27006	1.72365	2.17724	2.63084	3.08443	3.53802	3.99162	4.44521	4.89880
0.7	Kgs	0.31751	.77111	1.22470	1.67829	2.13189	2.58548	3.03907	3.49266	3.94626	4.39985	4.85344
9.0	Kgs	0.27216	.72575	1.17931	1.63293	2.08653	2.54012	2.99371	3.44730	3.90090	4.35449	4.80808
0.5	Kgs	0.22680	68039	1.13398	1.58757	2.04117	2.49176	2.94835	3.40194	3.85554	4.30913	4.76272
0.4	Kgs	0.18144	.63503	1.08862	1.54222	1.99581	2.44910	2.90299	3.35659	3.81018	4.26377	4.71736
0.3	Kgs	0.13508	.58967	1.01326	1.49686	1.95015	2.40404	2.85763	3.31123	3.76482	4.21841	4.67200
0.2	Kgs	0.09072	.51431	06266.	1.45150	1.90509	2.35868	2.81227	3.26587	3.71946	4.17305	4.62664
0.1	Kgs	0.01536	.49895	.95254	1.40614	1.85973	2.31332	2.76692	3.22051	3.67410	4.12769	4.58129
0.0	Kgs	0.00000	.45359	90719	1.36078	1.81437	2.26796	2.72156	3.17515	3.62874	4.08233	4.53593
Pounds		0	-	2	က	4	2	9	7	80	6	10

Figure 22b

U.S. GALLONS TO LITERS FROM 0 TO 100 GALLONS (1 gallon = 3.7853323 liters)

6.0	Liters	34.0680	71.9213	109.7746	147.6280	185.4813	223.3346	261.1879	299.0413	336.8946	374.7479		
0.8	Liters	30.2827	68.1360	105.9893	143.8426	181.0960	219.5493	257.4026	295.2559	333.1092	370.9626		e to right.
0.7	Liters	26.4973	64.3506	102.2040	140.0573	177.9106	215.7639	253.6173	291.4706	329.3239	367.1772		ints one plac
9.0	Liters	22.7120	60.5653	98.4186	136.2720	174.1253	211.9786	249.8319	287.6853	325.5386	363.3919		ng decimal po
0.5	Liters	18.9267	56.7800	94.6333	132.4866	170.3400	208.1933	246.0466	283.8999	321.7532	359.6066		ons by movir
0.4	Liters	15.1413	52.9947	90.8480	128.7013	166.5546	204.4079	242.2613	280.1146	317.9679	355.8212		aps of 10 gall
0.3	Liters	11.3560	49.2093	87.0626	124.9160	162.7693	200.6226	238.4759	276.3293	314.1826	352.0359		gallons in ste
0.2	Liters	7.5707	45.4240	83.2773	121.1306	158.9840	196.8373	234.6906	272.5439	310.3972	348.2506		100 to 1000
0.1	Liters	3.7853	41.6387	79.4920	117.3453	155.1986	193.0519	230.9053	268.7586	306.6119	344.4652		oe read from
0.0	Liters	0000:00	37.8533	75.7066	113.5600	151.4133	189.2666	227.1199	264.9733	302.8266	340.6799	378.533	NOTE: This table may be read from 100 to 1000 gallons in steps of 10 gallons by moving decimal points one place to right
Gallons		0	10	20	30	40	20	09	02	80	06	100	NOTE: Thi

Figure 22c

NOMINAL ELEVATOR CAR SPEEDS IN FEET PER MINITE TO METERS PER MINITE AND METERS PER SECOND

	Meters	per Sec.	1.65	1.78	1.91	2.03	2.16	2.29	2.41	2.54	2.67	2.79	2.92	3.05	3.18	3.30	3.43	3.56	3.68	3.81	3.94	4.06	4.19	4.32	4.45	4.57
OND	Meters	per Min.	99.0	107.0	114.0	122.0	129.0	137.0	145.0	152.0	160.0	168.0	175.0	183.0	190.0	198.0	205.0	213.0	221.0	229.0	236.0	244.0	251.0	259.0	267.0	274.0
-EET PER MINOTE TO METERS PER MINOTE AND METERS PER SECOND	Feet	per Min.	325	350	375	400	425	450	475	200	525	220	575	009	625	650	675	200	725	750	775	800	825	820	875	900
1 5 5	Meters	per Sec.	1.04	1.07	1.09	1.12	1.14		1.17	1.19	1.22	1.24	1.27		1.30	1.32	1.35	1.37	1.40		1.42	1.45	1.47	1.50	1.52	
AND ME	Meters	per Min.	62.4	64.0	65.0	67.0	0.89		70.0	71.0	73.0	74.0	76.0		78.0	79.0	80.0	82.0	84.0		85.0	87.0	88.0	0.06	91.0	
MINOLE	Feet	per Min.	202	210	215	220	225		230	235	240	245	250		255	260	265	270	275		280	285	290	295	300	
13 PER	Meters	per Sec.	.53	.56	.58	19:	9		99:	69:	17.	.74	9/:		.79	.8	8.	98.	68:		.91	.94	.97	66:	1.02	
O ME I E	Meters	per Min.	32.0	33.0	35.0	36.0	38.0		40.0	41.0	43.0	44.0	46.0		47.0	49.0	20.0	52.0	53.0		55.0	26.0	58.0	29.0	0.09	
NOIE	Feet	per Min.	105	110	115	120	125		130	135	140	145	150		155	160	165	170	175		180	185	190	195	200	
Z Z	Meters	per Sec.	.03	.05	.03	우.	.13		.15	.18	.20	.23	:22		.28	.30	.33	.36	.38		14.	.43	.46	.48	.51	
	Meters	per Min.	1.5	3.0	4.6	0.9	8.0		9.0	11.0	12.0	14.0	15.0		17.0	18.0	20.0	21.0	23.0		24.0	26.0	27.0	29.0	30.0	
	Feet	per Min.	2	10	15	20	52		30	32	40	45	20		22	09	65	20	75		80	82	06	92	100	

Figure 22d FRACTIONS OF AN INCH (FOR EACH 64th) TO MILLIMETERS

Fractions of Inch	64ths of Inch	Decimals	Millimeters
_	1	.015625	0.397
1/32	2	.031250	0.791
_	3	.046875	1.191
1/16	4	.062500	1.588
_	5	.078125	1.984
3/32	6	.093750	2.381
_	7	.109375	2.778
1/8	8	.125000	3.175
_	9	.140625	3.572
5/32	10	.156250	3.969
_	11	.171875	4.366
3/16	12	.187500	4.763
_	13	.203125	5.159
7/32	14	.218750	5.556
_	15	.234375	5.953
1/4	16	.250000	6.350
_	17	.265625	6.747
9/32	18	.281250	7.144
_	19	.296875	7.541
5/16	20	.312500	7.938
_	21	.328125	8.334
11/32	22	.343750	8.731
_	23	.359375	9.128
3/8	24	.375000	9.525
_	25	.390625	9.922
13/32	26	.406250	10.319
-	27	.421875	10.716
7/16	28	.437500	11.113
	29	.453125	11.509
15/32	30	.468750	11.906
-	31	.484375	12.303
1/2	32	.500000	12.700

Figure 22d FRACTIONS OF AN INCH (FOR EACH 64th) TO MILLIMETERS

Fractions of Inch	64ths of Inch	Decimals	Millimeters
_	33	.515625	13.097
17/32	34	.531250	13.494
_	35	.546875	13.891
9/16	36	.562500	14.288
_	37	.578125	14.684
19/32	38	.593750	15.081
_	39	.609375	15.478
5/8	40	.625000	15.875
_	41	.640625	16.272
21/32	42	.656250	16.669
_	43	.671875	17.066
11/16	44	.687500	17.463
_	45	.703125	17.859
23/32	46	.718750	18.256
_	47	.734375	18.653
3/4	48	.750000	19.050
_	49	.765625	19.447
25/32	50	.781250	19.844
_	51	.796875	20.241
13/16	52	.812500	20.638
_	53	.828125	21.034
27/32	54	.843750	21.431
_	55	.859375	21.828
7/8	56	.875000	22.225
_	57	.890625	22.622
29/32	58	.906250	23.019
_	59	.921875	23.416
15/16	60	.937500	23.813
_	61	.953125	24.209
31/32	62	.968750	24.606
_	63	.981375	25.003
1	64	1.000000	25.400

Figure 22e

FEET TO METERS FROM 0 TO 249 FEET

(1 foot = 0.3048004006 meter)

Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
0	0.00000	50	15.24003	100	30.48006	150	45.72009	200	60.96012
1	.30480	1	15.54483	1	30.78436	1	46.02489	1	61.26492
2	.60060	2	15.84963	2	31.08966	2	46.32969	2	61.56972
3	.91440	3	16.15443	3	31.39446	3	46.63449	3	61.87452
4	1.21920	4	16.45923	4	31.69926	4	46.93929	4	62.17932
5	1.52400	5	16.76403	5	32.00406	5	47.24409	5	62.48412
6	1.82880	6	17.06883	6	32.30886	6	47.54890	6	62,78893
7	2.13360	7	17.37363	4	32.61367	7	47.85370	7	63.09373
8	2.43840	8	17.67844	8	32.91847	8	48.15850	8	63.39853
9	2.74321	9	17.98234	9	33,22327	9	48.46330	9	63,70333
10	3.04801	60	18.28804	110	33.52807	160	48.76810	210	64.00813
1	3.35281	1	18.59284	1	33.83287	1	49.07290	1	64.31293
2	3.65761	2	18.89764	2	34.13767	2	49.37770	2	64.61773
3	3.96241	3	19.20244	3	34.44247	3	49.68250	3	64.92253
4	4.26721	4	19.50724	4	34.74727	4	49.98730	4	65.22733
5	4.57201	5	19.81204	5	35.05207	5	50.29210	5	65.53213
6	4.87681	6	20.11684	6	35.35687	6	50.59690	6	65.83693
7	5,18161	7	20.42164	7	35.66167	7	50.90170	7	66.14173
8	5,48641	8	20.72644	8	35.96647	8	51.20650	8	66.44653
9	5.79121	9	21.03124	9	36.27127	9	51.51130	9	66.75133
20	6.09601	70	21.33604	120	36.57607	170	51.81610	220	67.05613
1	6.40081	1	21.64084	1	36.88087	1	52.12090	1	67.36093
2	6.70561	2	21.94564	2	37.18567	2	52.42570	2	67.66574
3	7.01041	3	22.25044	3	37.49047	3	52.73051	3	67.97054
4	7.31521	4	22.55525	4	37.79528	4	53.03531	4	68.27534
5	7.62002	5	22.86005	5	38.10008	5	53.34011	5	68.58014
6	7.92482	6	23.16485	6	38.40488	6	53.64491	6	68.88494
7	8.22962	7	23.46965	7	38.70968	7	53.94971	7	69.18974
8	8.53442	8	23.77445	8	39.01448	8	54.25451	8	69.49454
9	8.83922	9	24.07925	9	39.31928	9	54.55931	9	69.79934
30	9.14402	80	24.38405	130	39.62408	180	54.86411	230	70.10414
1	9.44882	1	24.68885	1	39.92888	1	55.16891	1	70.40894
2	9.75362	2	24.99365	2	40.23368	2	55.47371	2	70.71374
3	10.05842	3	25.29845	3	40.53848	3	55.77851	3	71.01854
4	10.36322	4	25.60325	4	40.84328	4	56.08331	4	71.32334
5	10.66802	5	25.90805	5	41.14808	5	56.38811	5	71.62814
6	10.00002	6	26.21285	6	41.45288	6	56.69291	6	71.93294
7	11.27762	7	26.51765	7	41.75768	7	56.99771	7	72.23774
8	11.58242	8	26.82245	8	42.06248	8	57.30251	8	72.54255
9	11.88722	9	27.12725	9	42.06246	9	57.60732	9	72.54255
40	12.19202	90	27.43205	140	42.67209	190	57.00732	240	73.15215
		1		140		190			
1 2	12.49682	2	27.73686	2	42.97689	2	58.21692	1	73.45695 73.76175
3	12.80163 13.10643	3	28.04166 28.34646	3	43.28169 43.58649	3	58.52172 58.82652	2	74.06655
4		4		4		4		4	
4 5	13.41123	4 5	28.65126	4 5	43.89129	4 5	59.13132		74.37135
5 6	13.71603		28.95606		44.19609		59.43612	5	74.67615 74.98095
	14.02083	6	29.26086	6	44.50089	6 7	59.74092	6	
7	14.32563	7	29.56566	7	44.80569		60.04572	7	75.28575
8	14.63043	8	29.87046	8	45.11049	8	60.35052	8	75.59055
9	14.93523	9	30.17526	9	45.41529	9	60.65532	9	75.89535

 1 inch
 = 0.02540 meter
 4 inches = 0.10460 meter
 7 inches = 0.17780 meter
 10 inches = 0.25400 meter

 2 inches = 0.05600 meter
 5 inches = 0.20320 meter
 8 inches = 0.12700 meter
 11 inches = 0.27960 meter

 3 inches = 0.07620 meter
 6 inches = 0.15240 meter
 9 inches = 0.22860 meter
 12 inches = 0.24860 meter