O. S. Soles Co.

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Engineering Information Warious Exposed A Sales Corp. Wind Velocity and Pressure at Various Exposed Heights

Engineering Information

Salas Coto	WIND VELOCITY AND PRESSURE AT VARIOUS EXPOSED HEIGHTS			HYDRAUI		
C	bsol wors ns	Table No. 4		DF STOCK	HY	
MA.	Height of exposed	Horizontal Wind	Horizontal pressure	Imperial Gallon =		
10	Surface above mean	Velocity	Socient pressure	1 ft. = 12 inches =		
	retarding surface	tagginger to a minimum	gols discoprome a series	1 cubic foot = 6.25 1 Cubic metre = 1		
	isnoti los (m) ritbi	(km/hr)	(km/m ²)	1 gallons = 277.27 1 litre — .001 cubio	cu. in:	
	6 kg of 15 kg, per metre ver depth of snow	o parudina 80	40	1 cubic foot of water to 1 gallons of water to		
	mEasured on plant	96	58	1 ton of water = 35		
	6	108	73	1 ton Petrolium 279		
	976 Process of the World of the	115	85 98	Density of water —		
	12	123	de OTT mind bloom	Density of Oil — 50	01b. 1t	
	15	128	105 112	Density of Air 0.07		
	18	133	100	1 United States gall 1 United Slates gall		
	21	137	120	1 cubic foot water		
	24	141	133	Pressure of atmosph	here =	
	20	144	141	Pressure in 1 b. per		
•	30	The Marine and the second second second	151	Head in feet = pres 300 1 b./in. ² workin		
	16	155	poigo 151 beleville	The quantity of war		
	53	165 0 100	175	feet per second in		
	61 July 18 18 18 18 18 18 18 18 18 18 18 18 18	169	185	pipe in inches.	94.16	
	76 10000	175	200	1 brake horse power 1 forcede chevel =		
	92 000.00	181	210	1 forcede chevel =	70 KIIC	
	The lawer was 107 long bea	186	224		ASUR	
)	nd the higher 199	191	234	Water delivered into	o a tan	
Manual A	Se_		MINO CHAN)		
The Ginner Hand	See Coto		70	NAME OF STREET		
TO THE STATE OF TH				Water delivered intitat they are "drow		
Satoh C			6	R		

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HYDRAULIC AND GAS ENGINEERING	
HYDRAULIC MEMORANDA	
Imperial Gallon = 1.2 United Stales Gallon.	
1 ft. = 12 inches = .305 metres. 1 metre = 3.28 ft = 39.87 ins.	
1 cubic foot = 6.25 gallons = 28.2 liters = .0283 cubic metres.	
1 Cubic metre = 1000 litres = 220 gallons = 35.32 cubic feet.	
1 gallons = 277.27 cu. ins. = 16 cu. ft. = 4.543 litres = .004543 cu.	in.
1 litre — .001 cubic metres x .035 cubic feet = .22 gallons.	
1 cubic foot of water weights 2205 1 b. = 220.5 imperial gallons.	
1 gallons of water weight 10 1b. Petrolium 82 1b./gallons.	
1 ton of water = 35.9 cu. ft. = 244 imp. galls = 1000 litres (app.)	
1 ton Petrolium 275 imperial gallons.	
1 litre of water weight 1 Kilogramme = 2.204 1b.	
Density of water — 62.4 1 b./cu. ft. gm. /cu. cm.	
Density of Oil — 501b. 1b./cu. ft. = 0.8 gm./cu. cm.	
Density of Air 0.078 lb. cu. ft. = 0.00125 gm./cu. cm.	
1 United States gallon = 231.0 cubic inches.	
1 United Slates gallon 3.8 litre. 1 litre 264 U.S. gallon.	
1 cubic foot water = 7.476 United Slates gallons.	
Pressure of atmosphere = 14.7 lb. per square inch.	
Pressure in 1 b. per sq. inch = head of water in feet, x .424	
Head in feet = pressure in lb. per sq. inch. x 231.	
300 1 b./in.^2 working pressure $-700 \text{ ft. head} = 20 \text{ atoms. or } 21 \text{ kilos/s}$	q. cm.
The quantity of water in cub. ft./min. flowing through a pipe at the ra	ate if 3
feet per second in found approximately by sequaring the diameter pipe in inches.	
FIGURE WINDOWS ELECTION OF THE BOOK AND PRODUCTION OF THE PROPERTY OF THE PROP	

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