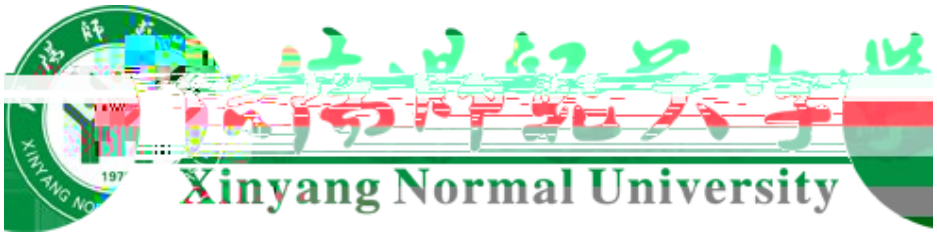

Xinyang Normal University

_____ _____ _____ _____

: _____ : _____

: _____

1.

_____ _____

_____ _____

$_B$ = _____ 10^{-2}m $_C$ =_____ 10^{-2}m $_D$ =_____ 10^{-2}m

_____ z_C =_____ 10^{-2}m z_D =_____ 10^{-2}m

2. 1 2

1

2

		0 / (10^{-2}m)	H / (10^{-2}m)	$\frac{p_A}{g}$ H 0 / (10^{-2}m)	$\frac{p_B}{g}$ H B / (10^{-2}m)	$\frac{p_C}{g}$ H C / (10^{-2}m)	$\frac{p_D}{g}$ H D / (10^{-2}m)	z_c $\frac{p_c}{g}$ / (10^{-2}m)	z_D $\frac{p_D}{g}$ / (10^{-2}m)
$p_0 = 0$									
$p_0 > 0$									
$p_0 < 0$ ($p_B < 0$)									

1

_____ _____

_____ _____

d_1=_____ 10^{-2}m d_2=____ 10^{-2}m d_3=____ 10^{-2}m

$_0$=_____ 10^{-2}m $_z$=_____ 10^{-2}m

2

1

	*				*	*	11	12 * 13	14 * 15	16 * 17	18 * 19
d /10^{-2}m											

l/10^{-2}m	4	4	6	6	4	13.5	6	10	29.5	16	16

2 h_i h_i z_i $\frac{p_i}{g}$ 10^{-2}m i

	h_2	h_3	h_4	h_5	h_7	h_9	h_{10}	h_{11}	h_{13}	h_{15}	h_{17}	h_{19}	q_V /(10^{-6}m^3/s)
1													
2													

3

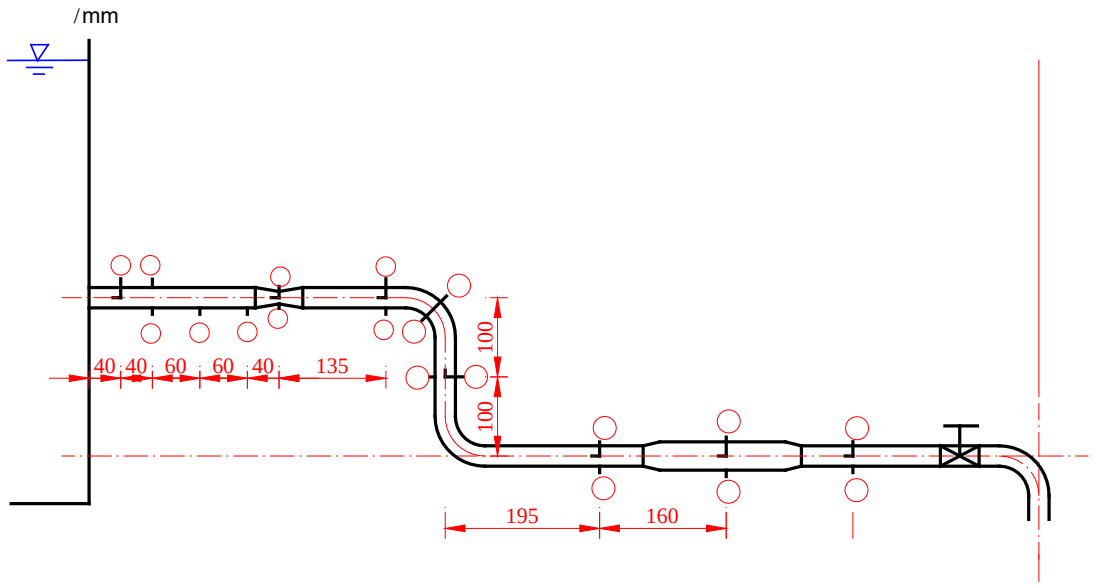
(1)

d /10^{-2}m	q_{V1} V_1/t_1 201.3 /(10^{-6}m^3/s)			q_{V2} V_2/t_2 /(10^{-6}m^3/s)		
	A /10^{-4}m^2	v /(10^{-2}m/s)	$v^2/2g$ /10^{-2}m	A /10^{-4}m^2	v /(10^{-2}m/s)	$v^2/2g$ /10^{-2}m

(2) H_i H_i z_i $\frac{p_i}{g}$ $\frac{v_i^2}{2g}$ 10^{-2}m i

	H_2	H_4	H_5	H_7	H_9	H_{13}	H_{15}	H_{17}	H_{19}	q_V /(10^{-6}m^3/s)
1										
2										

(3)


/mm
40
40
60
60
40
135
100
100
195
160

3

4

_____ _____ _____ _____

: _____ : _____

: _____

1

_____ _____

_____ _____

d =_____ 10^{-2} m l =_____ 10^{-2} m

2 1

1

?

2

1

	V /$10^{-6}m^3$	t /s	q_V /($10^{-6}m^3$/s)	v /(10^{-2}m/s)	T / C	/($10^{-4}m^2$/s)	Re	/10^{-2}m		h_f /10^{-2}m		$=\frac{64}{Re}$ (Re<2300)
								h_1	h_2			
1												
2												
3												
4												
5												
6	/	/										/
7	/	/										/
8	/	/										/
9	/	/										/
10	/	/										/
11	/	/										/

_____ _____ _____ _____

: _____ : _____

: _____

1

_____ _____

_____ _____

d = _____ × 10^{-2} m t = _____ ^{o}C

$$\frac{0.01775 \quad 10^{\ 4}}{1 \quad 0.0337t \quad 0.000221t^2}$$ m^2/s = _____ × 10^{-4} m^2/s

K = _____ × 10^{6} s/m^3

2

1

1

2