



2011 10 29

2011 10 30

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2024 12 30 5



1

2

3

4

2-1

5

1

2

1

2

500m

2

	2	4+x
	1	3 / x
	1                      3	3+x
	4	3 / x
	1                                      2	12+x
	1	

1

2

3

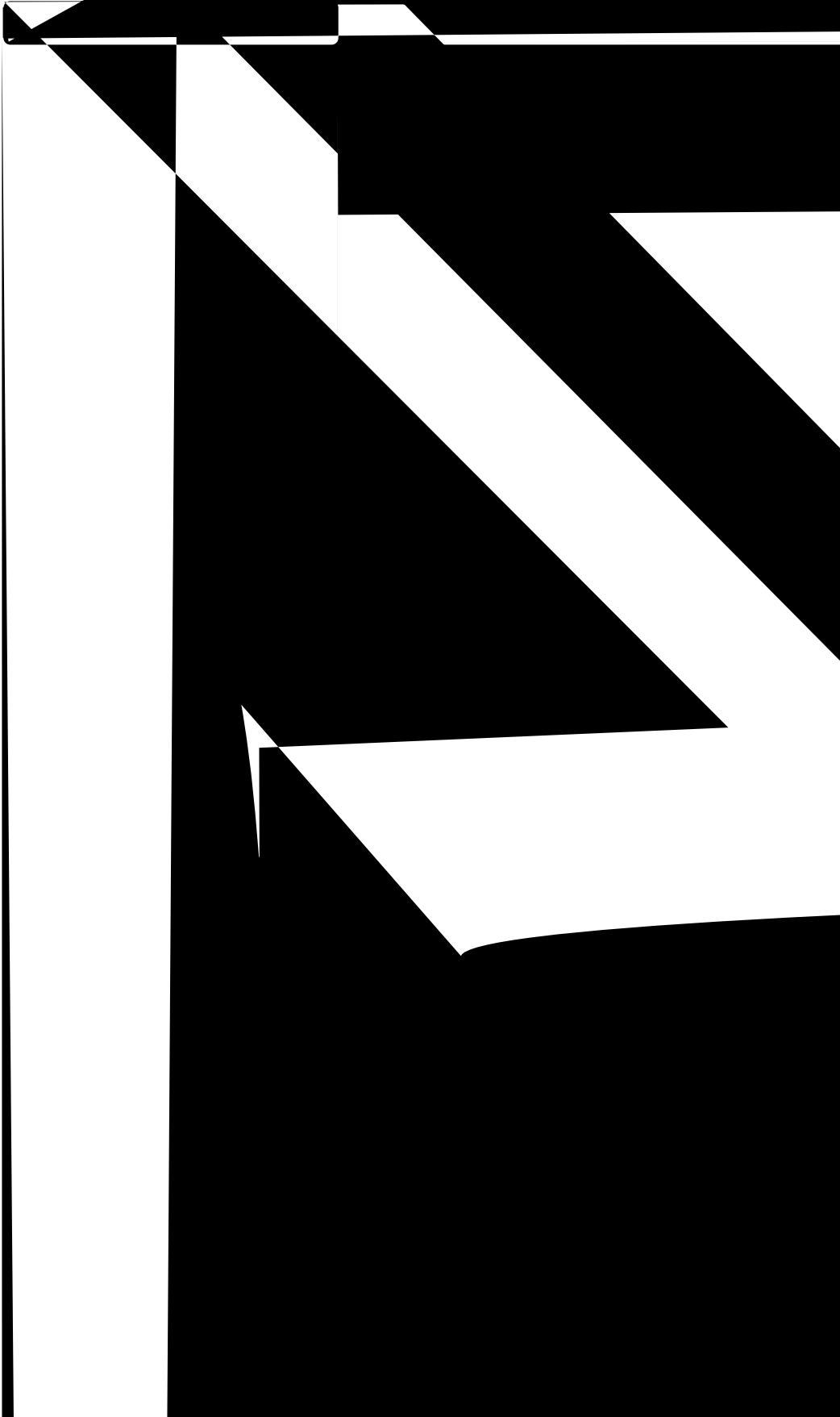
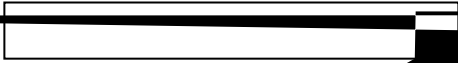
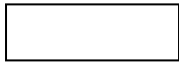
4

2mm

5

6

7





			6
	1 “ ”	1  2	1 1 5.1 2 3.1 3 3.2 4  2 5.1 3
	2		1 5.2.1 2 5.2.3 3 4 5.2.2 4 / 2.3.3 5 7 6
	3 “ ”		1 3.1 3.2 2 1 2  3  4 5.2.2 5 7
	4		1 1 3.1 2 3.2 2 5.1 3 1 5.2.1 2 5.2.2 3 5.2.3 4 4 4.1 4.2 6.2 6.3 5 7 6

2

3

4

5

0.5 1

1 3.79 15 -





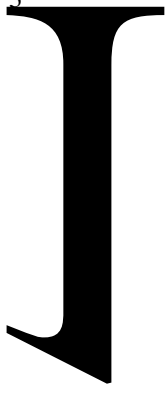
Që €0



1

1

3



2

3

4

10

5

6.2.1 4

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ESI

4-1

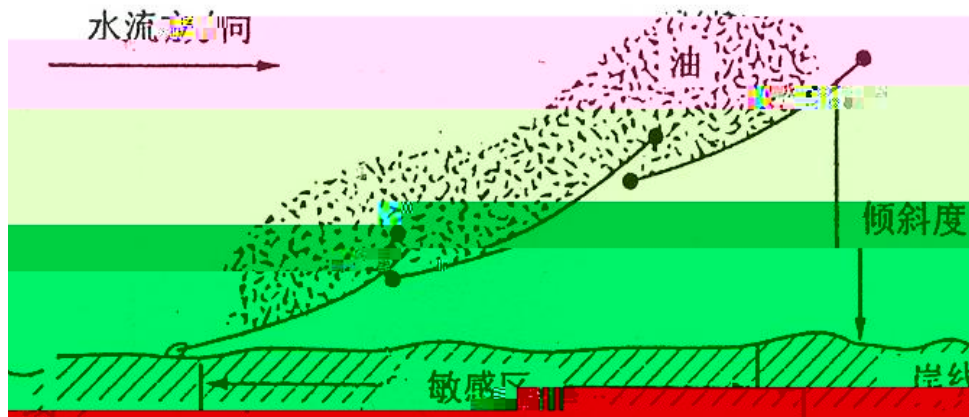
1



4-1

1

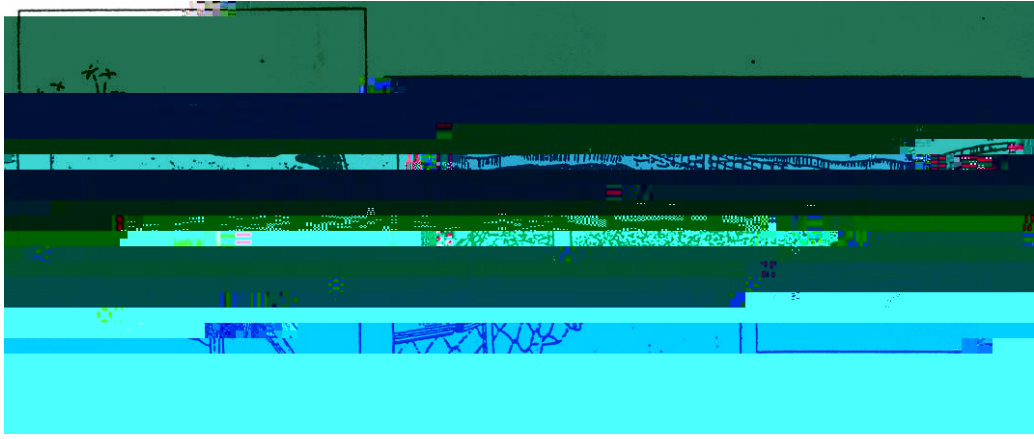
1.5



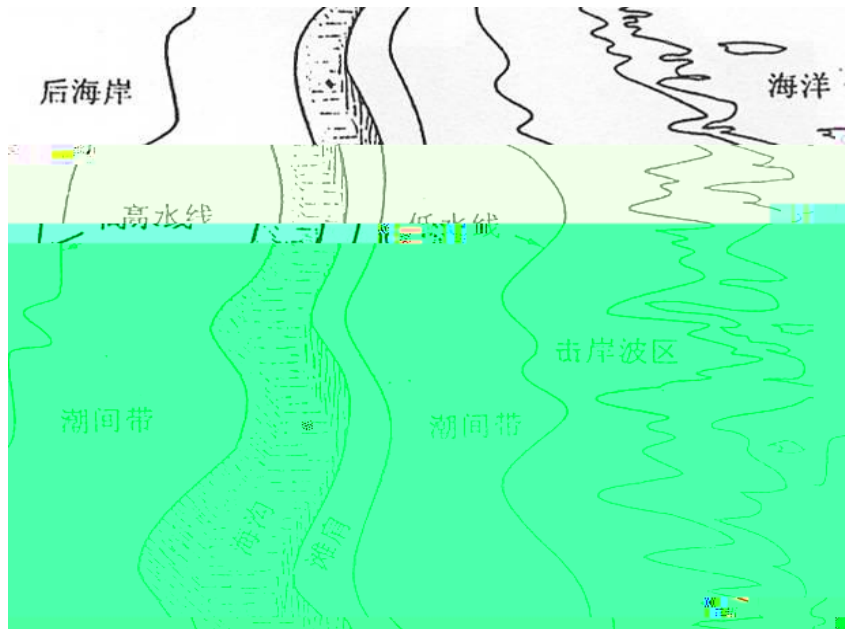
4-3



4-4



4-5



4-2



			/	
			/	
				/



- 3
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

5-2

1      2  
3

Hs>3ft  
V<1kn

2      1      2

18.

19.

8 1

20.

21.

22.

23.

24.



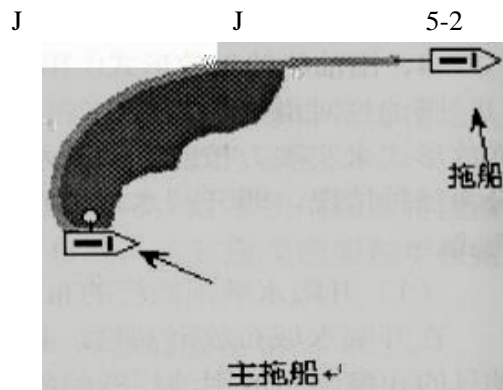
V  
50 m

V

10 m

V

V



J

200-400 m

J

20-40 m

J

10-20 m

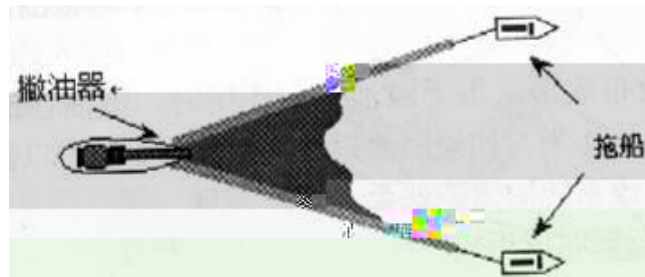
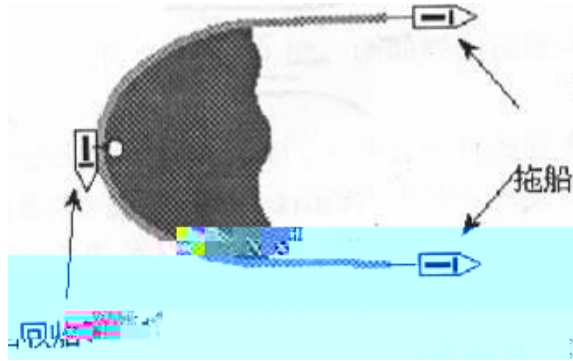
100-400 m

U

5-3

U

5-4



U-

600 m

J

U





2 m 100 m 2-4

JT/T465-2001

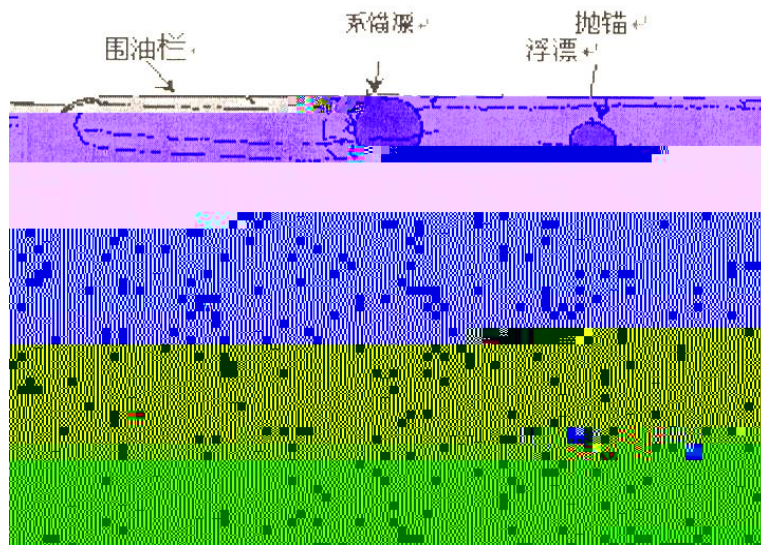
150 kg

20-100 kg

0

10

5-5



3

25. 5

26. 3

27. 7

60 250 L

28.

29.

30.

31.

32.

33.

50 400 m<sup>3</sup>/h

2-3

34.

35.

36.

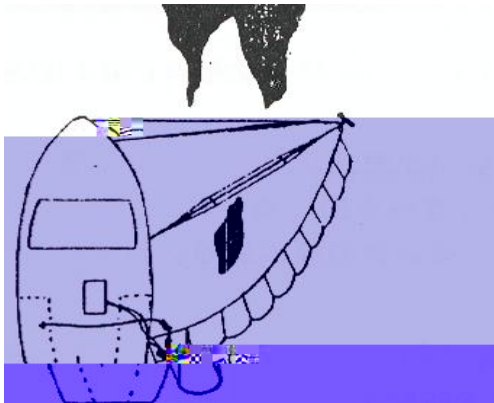
37.

38.

39.

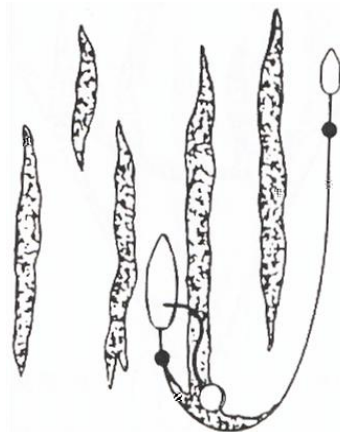



5-6

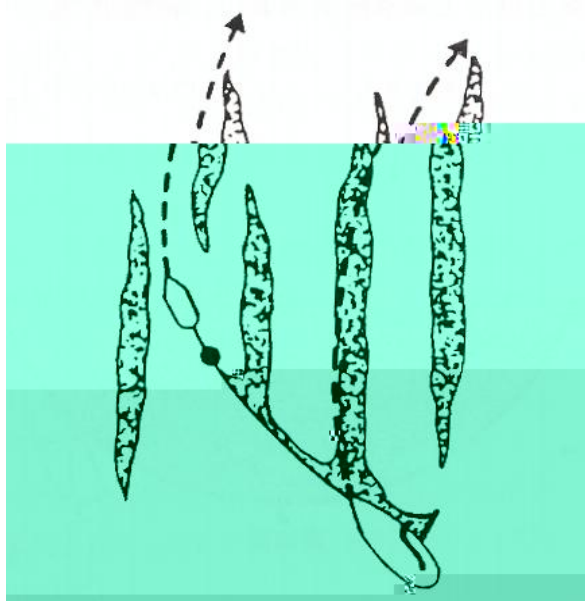


"J"

5-7



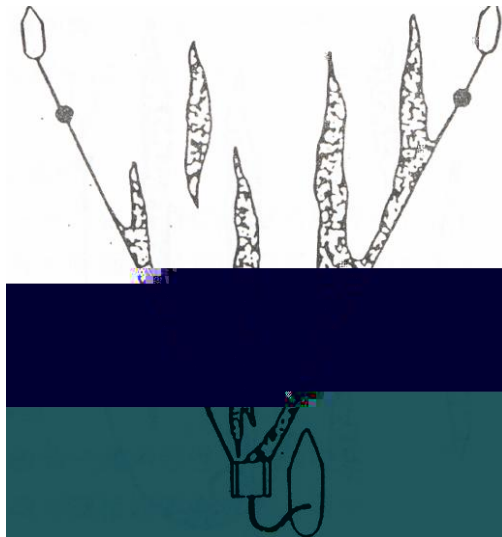
5-8



"V"

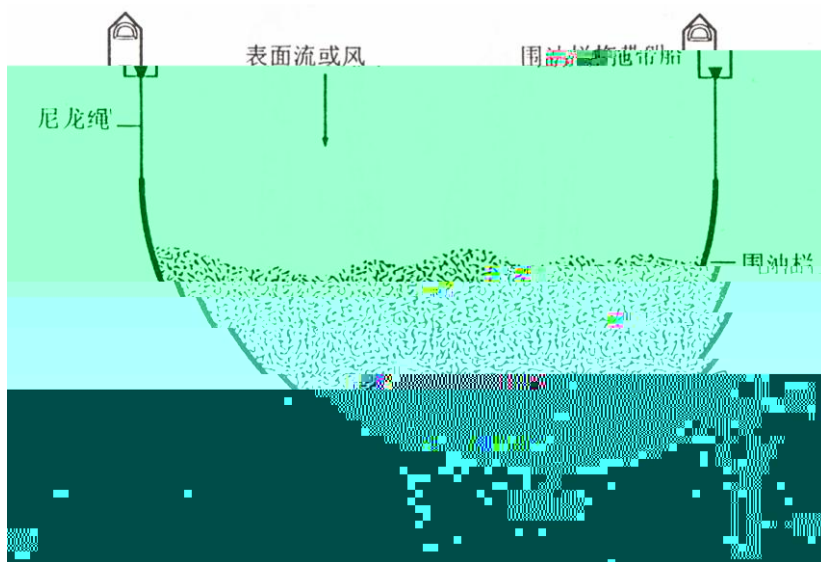
"V"

5-9



"U"

5-10



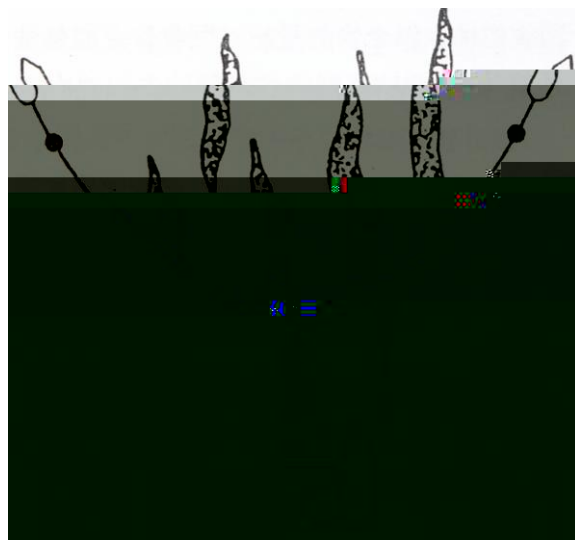
1-2

“U”

"U"

5-11

DIP



DIP

1-2

400 m 600 m

60 m

400 m

"U"

"U"

0.5 m/s

"U"

"V"

.....

†

“ ”

1

2

3 GB18188.2-2000

20m

5

5 5

9

3-5

3-6

5-7

1

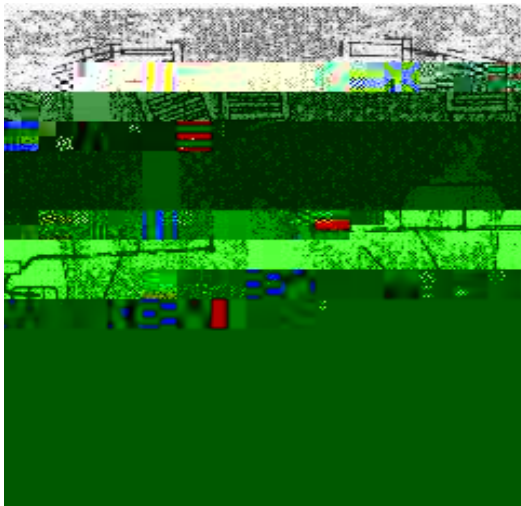
2 8-10 m

3

4-10 /

5-12

5



$$\text{L/min} = 0.003 \times \text{L/ha} \times \text{knots} \times \text{m}$$



Indicator

3-5

10-25

-

50 m

50 m

	4	3	
	20	6	
	6	5	
	5	2	
	12	6	
	6	2	
	4	7	
	70	60	
	60	50	
	35	30	
	20	7	
	20	20	

1.	
2.	
3.	
4.	

- 1
- 2
- 3
- 4
- 5
- 6

7

8

---

6-1

>250mm

2 250mm

0.1 2mm

/

1

2

3

7

8

9

a

b

c

d





/

/

/

/

	7.2—

CO<sub>2</sub>

CO <sub>2</sub>			
20			



		A/E1+2	/	A/C1+2	A/D1+2	A/B1+2	A/B1+2/D1+2
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8.4.

8.5.

1  
 1.010g/cm<sup>3</sup> 20 2.67kPa 20mmHg

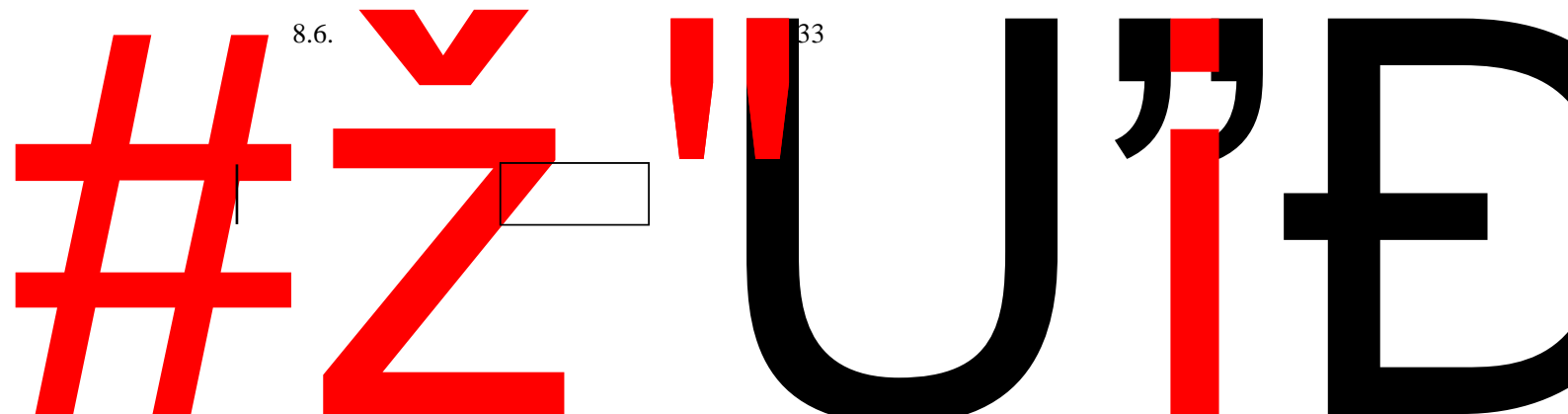
2  
 1.010g/cm<sup>3</sup> 1.027g/cm<sup>3</sup>

3  
 1.010g/cm<sup>3</sup> 1.027g/cm<sup>3</sup>

4 2.67kPa 20mmHg 1.010g/cm<sup>3</sup> 20

8.6.

33



1		B1+2						
2		B1+2						
3		B1+2						
4		B1+2						
5		B1+2						
8		A/B1+2						
9		A/C1+2						