



**КонсультантПлюс**  
надежная правовая поддержка

28.03.2014 N 155

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(

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**КонсультантПлюс**

[www.consultant.ru](http://www.consultant.ru)

: 05.11.2014

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( 05.09.2014 N 33990)

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**МИНИСТЕРСТВО ТРУДА И СОЦИАЛЬНОЙ ЗАЩИТЫ  
РОССИЙСКОЙ ФЕДЕРАЦИИ**

**ПРИКАЗ  
от 28 марта 2014 г. N 155н**

**ОБ УТВЕРЖДЕНИИ ПРАВИЛ ПО ОХРАНЕ ТРУДА ПРИ РАБОТЕ НА ВЫСОТЕ**

**5.2.28**

2012 . N 610 ( , , 2012, N 26, . 3528; 2013, N 22, 19  
. 2809; N 36, . 4578; N 37, . 4703; N 45, . 5822; N 46, . 5952), :  
1.  
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**ПРАВИЛА ПО ОХРАНЕ ТРУДА ПРИ РАБОТЕ НА ВЫСОТЕ**

**I.**

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 59. 7° ,  
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05.09.2014 N 33990)

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 263. ;  
 264. ; 0,6 ;  
 265. ; 0,8 ;  
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 266. ;  
 267. ;  
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 268. ; 0,7 ( ) 1,8 ;  
 269. ; - ;  
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 274. ; 7 ; 6 ; 6 - 7 ;  
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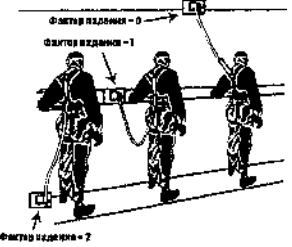
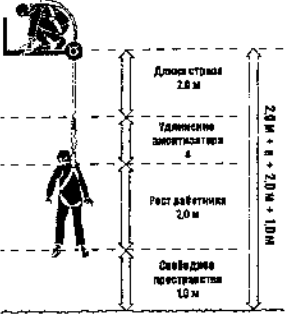
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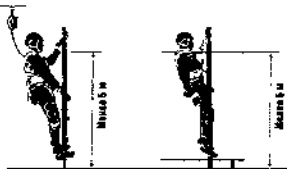

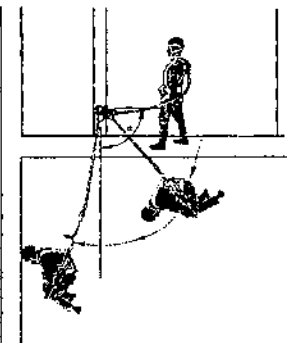
( ; ) ,	( ),	( ) ( )	( )	, ( ) ( )	, ( ) ( )
1	2	3	4	5	6

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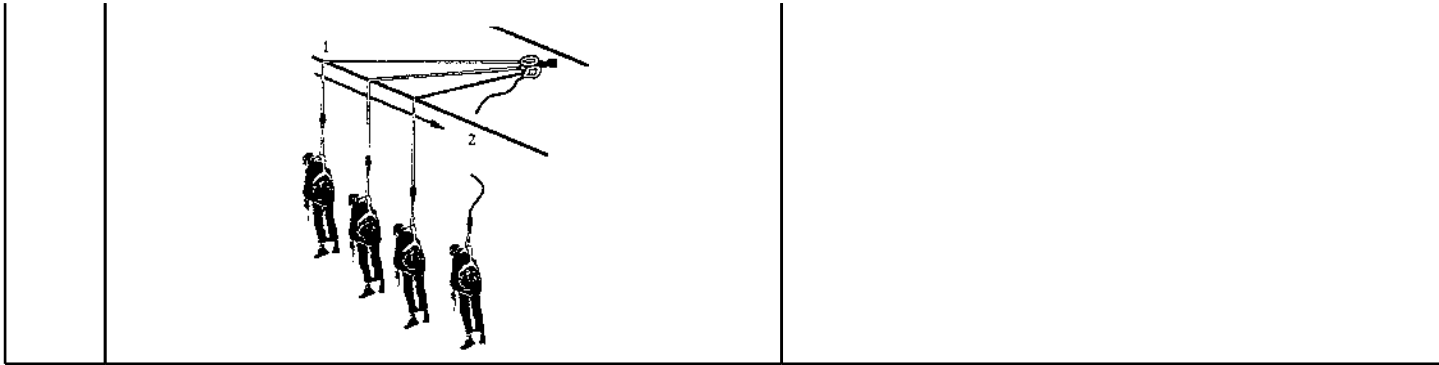
<p>1</p>		<p>6</p>
<p>2</p>		<p>2</p>
<p>3.1</p>		<p>6 ( 3.1)</p>

		<p>( 3.2).</p>
<p>3.2</p>		
<p>4</p>		<p><math>\alpha \geq 30^\circ</math></p>
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10	4	3,5
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120	15	10
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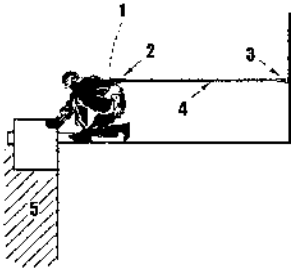
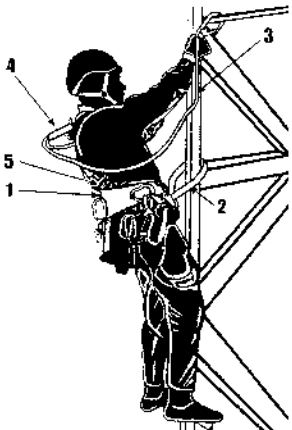
2.  
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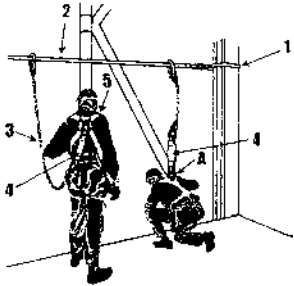
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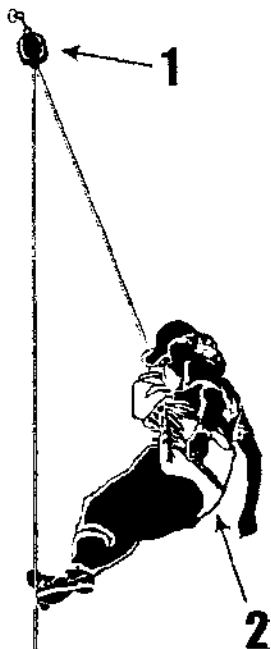
<p>1</p>		<p>1 - ), , ; 2 - , , ( 3 - , , ( 4 - ); 5 - 1,8 . ; 15 , , 22 .</p>	
<p>2</p>		<p>1 - ; 2 - ; ; 3 - ; 4 - .</p>	



3		<p>1 - ;</p> <p>2 - ;</p> <p>3 - ;</p> <p>4 - ;</p> <p>5 - ( )</p> <p>A.</p> <p>A,</p> <p>( )</p>
4		<p>1 - ;</p> <p>2 - ;</p>



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			(β)	(Pi)					
1			4						
1.			β°	60°		45°		30°	
			α°	0	50	0	40	0	30
			F <sub>2</sub> / P <sub>1</sub>	1,5	1,3	1,05	1,06	0,82	0,93
			F <sub>1</sub> / P <sub>1</sub>	1,5	0,66	1,05	0,63	0,82	0,61
2.			R	60°		45°		30°	
			0°	1,0		0,75		0,58	
			15°	1,12		0,87		0,82	
			30°	1,15		0,99		1,0	
					F <sub>2</sub> / P <sub>1</sub> (F <sub>1</sub> / P <sub>1</sub> ),				
		α β							
3.			β = 30 - 45°						
			α , : F <sub>1</sub> = F <sub>2</sub> (0,6 - 0,7) P <sub>1</sub>						
4.			β°	45°		30°			

			$\alpha^\circ$	0	15°	0	10°
			$F_2 / P_1$	0,29	0	0,33	0
			$F_1 / P_1$	0,58	0,45	0,44	0,47
			$F_3 / P_1$	0,29	0,63	0,33	0,62
5.			$\beta = 30 - 45^\circ$ $F_1 = F_2 = F_3 (0,36 - 0,42) P_1$				
$P_1$ - $F_1, F_2, F_3$ -							

3, 4

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1	2	3
1.		$(A, B)$ . $10^\circ$ . $(FA = PL / 2h)$ . $(L = 12 ; h = 2 ; P = 800 - FA = 800 \times 12 / (2 \times 2) = 2400)$ .



48	3000 (300)	280	400
60	4000 (400)	330	480

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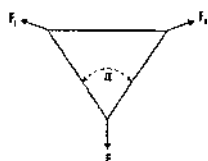
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		0	15	30	45	60	75	90	105	120	135	150	165	180	
	 $F_1 = F / (2 \cos(\alpha / 2))$	50	50	52	54	58	63	71	82	100	131	193	383	1146	
	 $F_1 = F / (2 \sin(\pi / 4 - \alpha / 4))$	71	75	82	90	100	113	131	156	193	256	383	764	2292	

. 1 2.

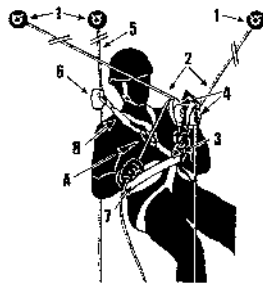
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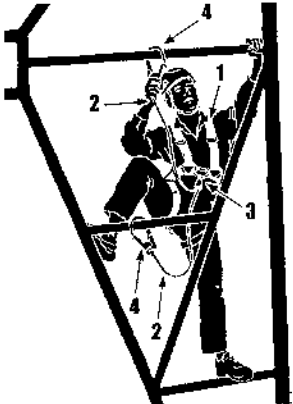
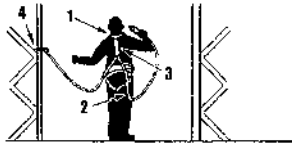
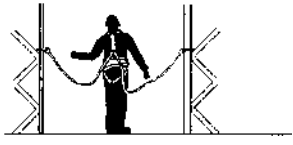


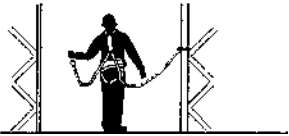
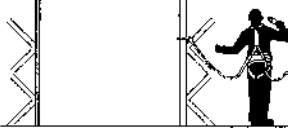
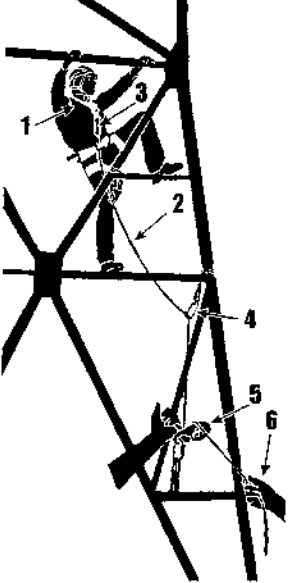
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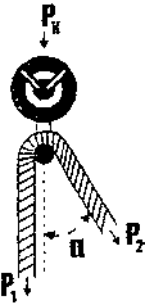
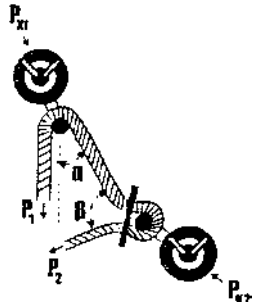
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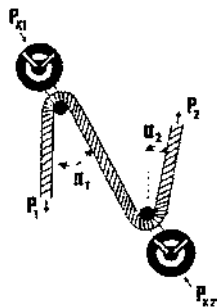
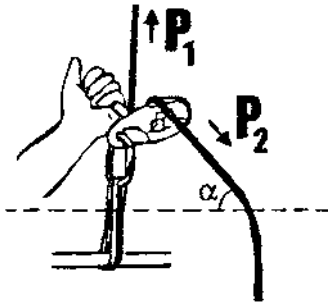
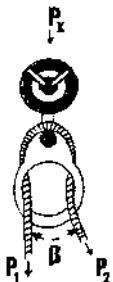
	<p>7 - ;</p> <p>8 - ;</p> <p>A - ;</p> <p>A). (</p> <p>- : B</p> <p>, ,</p> <p>( B</p> <p>- ); A,</p> <p>- C</p> <p>( " "</p> <p>A,</p> <p>);</p> <p>(</p> <p>- ).</p>
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N /		
1		<p>( )</p> <p>1 - ;</p> <p>2 - ;</p> <p>3 - ;</p> <p>4 - ( ),</p>
2.1		<p>( )</p> <p>1 - ;</p> <p>2 - ;</p> <p>3 - ;</p> <p>4 - ( ),</p>
2.2		<p>( )</p> <p>1 - ;</p> <p>2 - ;</p> <p>3 - ;</p> <p>4 - ( ),</p>
2.3		

		
2.4		
3		<p style="text-align: right;">1 ( 1</p> <p>N 10),</p> <p>( : ).</p> <p>1 - ;</p> <p>2 - ;</p> <p>3 - ;</p> <p>4 - ( );</p> <p>5 - ,</p> <p>6 - " " ;</p>

N 16

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	<p>90°.</p>	<p><math>\alpha</math> 0° 30°:</p> <p><math>P_2 = 0,5P_1</math></p> <p><math>P_2 + P_1 = P_K = 1,5P_1</math></p>
		<p><math>\alpha</math> <math>\beta</math></p> <p>0° 30°:</p> <p><math>P_2 = 0,25P_1</math></p> <p><math>P_{k2} = 0,75P_1</math></p> <p><math>P_{k1} = 1,5P_1</math></p>
		<p><math>\sum \theta = 360^\circ - 420^\circ</math></p> <p><math>\alpha_1</math></p> <p>0° 30°</p> <p><math>\alpha_2</math> 60° 120°:</p>

		$P_2 = (0,1 - 0,12) P_1$ $P_{k1} = 1,5P_1$ $P_{k2} = (0,6 - 0,62) P_1$
		$P_2 \ll P_1, \quad \alpha$
	<p style="text-align: center;">" "</p>	$\sum \theta = 360^\circ - 420^\circ$ $\beta \quad 60^\circ \quad 120^\circ:$ $P_2 = (0,1 - 0,12) P,$ $P_K = 1,5P$
<p><math>P_1</math> - , ( );</p> <p><math>P_2</math> - ;</p> <p><math>P_k, P_{k1}, P_{k2}</math> - ;</p> <p><math>\sum \theta</math> - .</p>		

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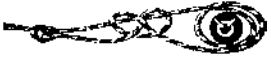



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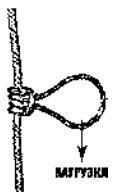

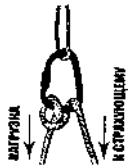
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