

( )  
INTERSTATE COUNCIL FOR STANDARDIZATION, METROLOGY AND CERTIFICATION  
(ISC)

**ГОСТ  
12.4.307-  
2016-**

(IEC 60903:2014, NEQ)



2017

12.4.307—2016

1.0—2015 «  
 1.2—2015 «  
 1  
 2  
 3  
 ( 25 2016 . 92- )  
 :

{ 31661 004-97	( 3166) 004-97	
	AM KZ KG RU	

4 2016 . N9 2076- 12.4.307—2016 25  
 1 2017 .

5 IEC 60903:2014 «  
 Electrical insulating gloves». NEQ). («Live working —

6

« « », — ( )  
 « ».  
 « ».  
 (www.gost.ru)

© .2017

1	.....	1
2	.....	1
3	.....	2
4	.....	2
4.1	.....	2
4.2	( ).....	3
4.3	.....	3
4.4	.....	4
4.5	, , .....	5
4.6	.....	5
4.7	- .....	5
4.8	.....	5
4.9	.....	6
4.10	.....	6
4.11	.....	6
4.12	.....	6
4.13	.....	7
4.14	.....	8
5	.....	8
5.1	.....	8
5.2	.....	8
5.3	.....	8
5.4	.....	8
5.5	.....	8
5.6	- .....	9
5.7	.....	9
5.8	.....	12
5.9	.....	12
5.10	.....	14
5.11	.....	15
	( ) .....	16
	.....	18

Occupational safety standards system. Electrical insulating gloves from polymer materials.  
General technical requirements and test methods

— 2017—11—01

1

1000 —

1000 —

2

EN 388—2012

427—75

7502—98

12580—78

ISO 23529—2013

1

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3

- 3.1 (glove):
- 3.2 (bell cuff glove):
- 3.3 (electrical insulating glove):
- 3.4 (composite glove):
- 3.5 (contour glove):
- 3.6 (lined glove):
- 3.7 (long glove):
- 3.8 (mitten):
- 3.9 (gauntlet):
- 3.10 (cuff):
- 3.11 (cuff roll):
- 3.12 (forte):
- 3.13 (palm):
- 3.14 (wrist):
- 3.15 (elastomer):
- 3.16 (formally trained and qualified person):
- 3.17 (disruptive discharge):
- 1 « (sparkover).
- 2 « (flashover).
- 3 « » (puncture),
- 3.18 (nominal voltage of a system):
- 3.19 (proof test voltage):
- 3.20 (withstand test voltage):

4

4.1

- : 00. 0. 1. 2. 3 4;
- :

1.

1—

Z R F			
1	R	Z.	
2	F		
3			

8

4.2 ( )

4.3

4.3.1 ( ),

2.

2—

	*				
00	260	360	—	—	800**
0	260	360	410	460	800*
1	—	360	410	460	800**
2	—	360	410	460	800**
3	—	360	410	460	800**
4	—	—	410	460	800"
* :20 "	15 . ,				

(50 16) , — (100 ±12) ( . 1).

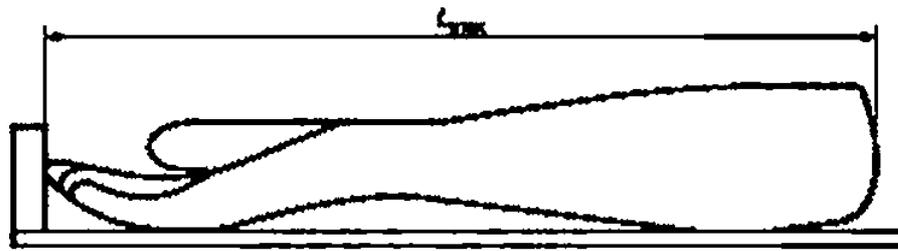
216 ( 8.5). 229 ( 9). 241 ( 9.5). 254 ( 7.5). 203 ( 8).  
279 ( 11), 292 ( 11.5); 305 ( 12).  
±13 .

4.3.2

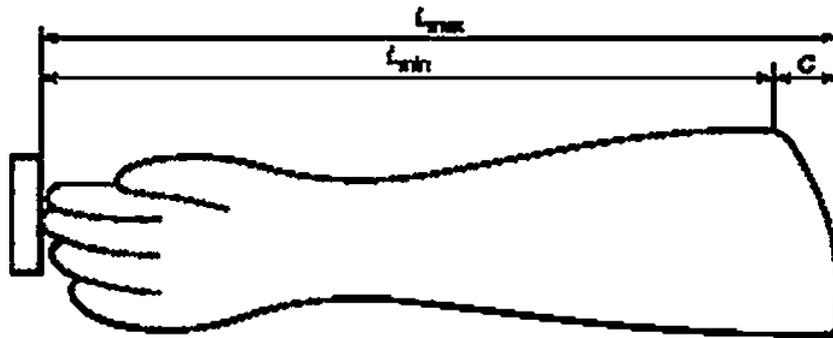
(5.7).

3.

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а) Вид сбоку



б) Вид прямо

$L_{шлк}$  — : — : — <50 l )

1 —

( ) .

3 —

00	0.50	1.6
0	1.00	2.3
1	1.50	2.6
2	2.30	3.3
3	2.90	3.6
4	3.60	4.2

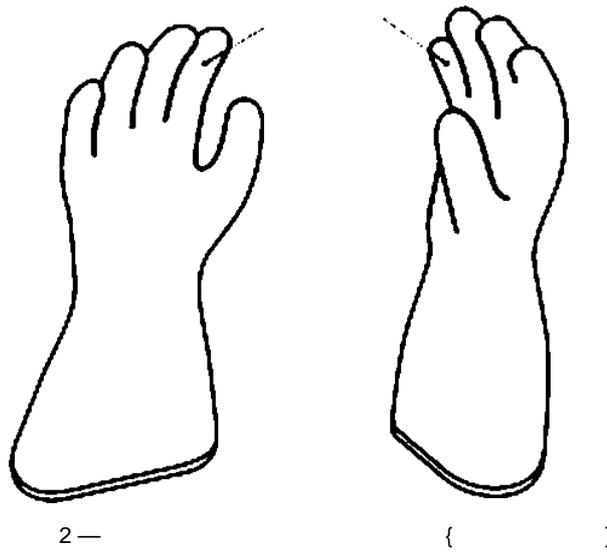
0.6

. .2 R

0.6

4.4

)  
 )  
 )  
 ( . . . 2).



4.5

{ . . . }  
 ( . . . 1)

4.6

4.7

4.

4—

	16
. %.	600
, / . *	18
, %.	1S
*	60 .

4.8

S.9.1

S

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4.9

55 ( , ) 5 -

4.10

5.

5

	500
	2.5
	25
	60

4.11

4.11.1

75 % 5.10.1 -

4.11.2

50 % 5.10.2. -

4.11.3

Z, 5.10.3.

4.11.4

5.10.4.

4.11.5

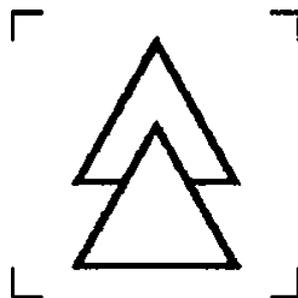
5.10.5.

10

( )

4.12

- ( )
- ( 3) ( — , );



3— ( )



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4.14

5

5.1

(23 ±2)

(50 15)%.

(2±0.5)

5.2

4.1.4.2.4.4.4.11—4.13.

5.3

427.

1.0

0 500

( . 1).

7502

20

5.4

•

-

-

,

(3,17 ±0.25)

0,02

6  
(0,83 ±0,03)

5.5

15

( 3— ( )— 3).

15

5.6 -

5.6.1

ISO 23529.

5.6.2

12580.

( . 5):

$\frac{20}{4,040.1}$

$\frac{12 \pm 1,0}{8}$

$\frac{\frac{6,0 * 0,04}{11,0}}{75}$

£ —

S —

( . 5).

20

4.  
5.6.3

EN 388.

4.

60 .

5.7

(23 5)' -

45 % 75 %

(16 ± 0.5) .  
(0.2 ± 0.1)

(70 ± 2) \* .

1 -

3 %.

100

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6.

6—

8

00	40	40	160	430
0	40	40	160	430
1	40	6S	260	455
2	65	75	260	465
3	90	200	260	490
4	130	265	260	555

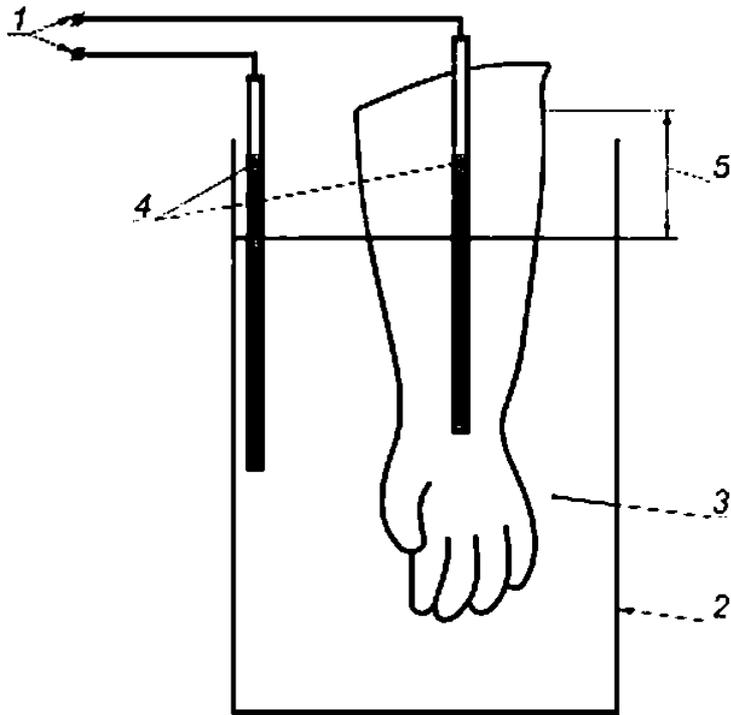
±13

55%

99.4

25

6.



f — : 2 — : 3 — . 5 — . 4 — ( )

6 —

7.

7 —

		280	360	410	460	800	
00	2.5	12	14			16	5
0	5	12	14	16	16	20	10
1	10	—	16	16	20	22	20
2	20	—	16	20	22	24	30
3	30	—	20	22	24	26	40
4	40	—	—	24	26	30	50

1000 /  
— 3

\*

-

\*

-

-

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5.8

5.  
(7012) \*

20 %.

168

10

50

24

80 %

15%.

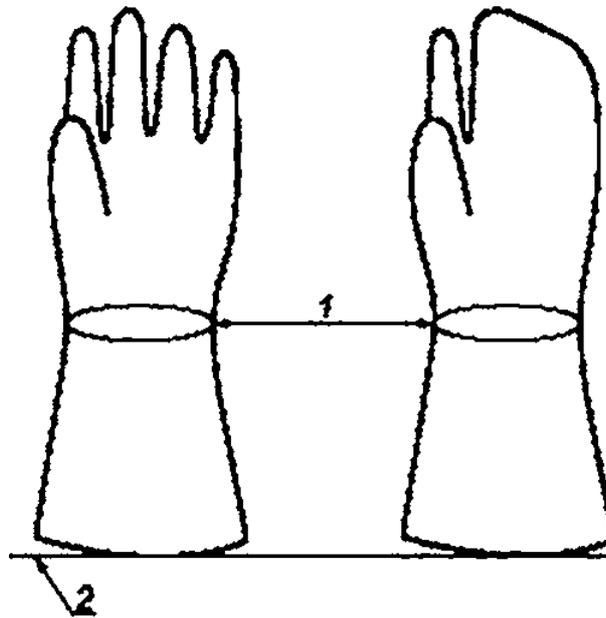
5.9

5.9.1

$(25 \pm 3)^\circ$  1

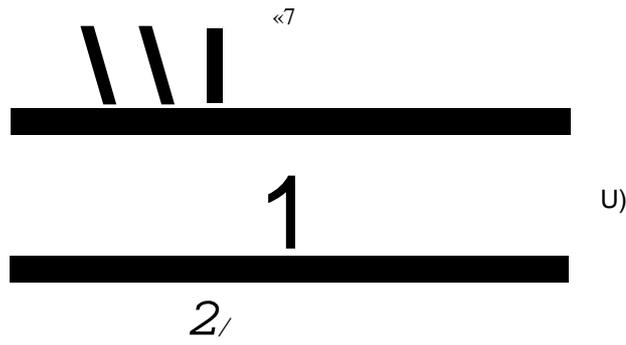
200 200 5  
1

100 ( 30 ( 7) 8).  
4.8.



1 — : 2 —

7 —

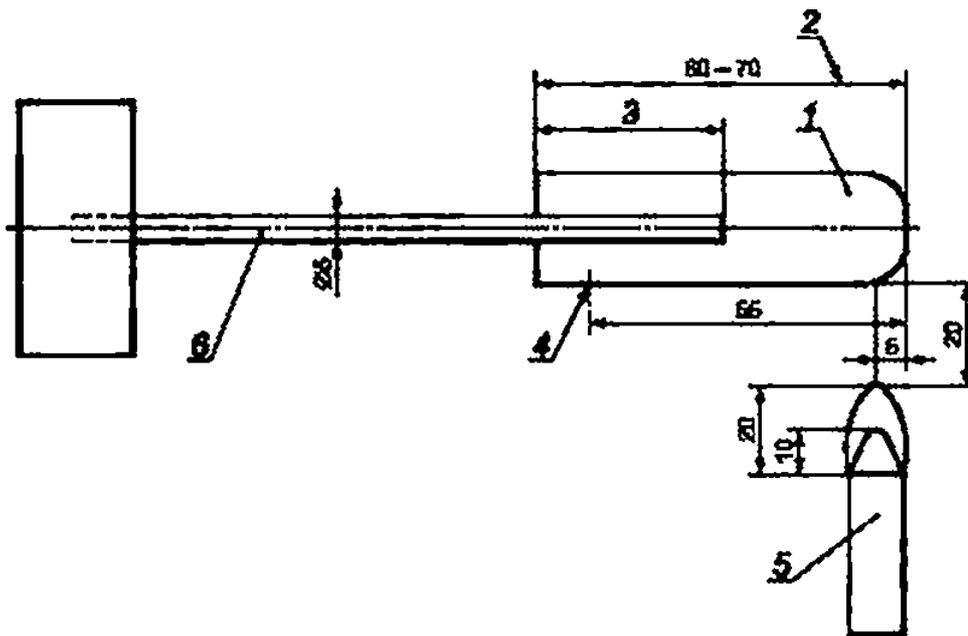


f— :2— ;3— , 100  
6—

5.9.2

60—70  
120 \*  
5  
24

9.



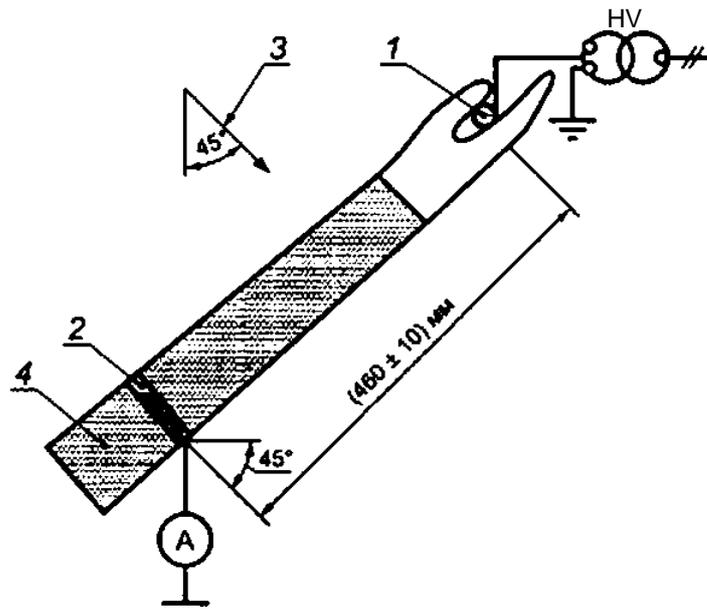
1— :2— .3—  
4— :S— :—  
9—

5

37

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	( )	(9.5 ± 0.5)	
	(20 ± 2)		
		(20 ± 2)	
			9.
			10 .
	55		
			4.9.
5.10			
5.10.1			(810,5)
	32"	(23 ± 2)°	
		70	(2 ± 0.5) .
		(45 ± 5)	
			4.11.1.
5.10.2			
		102	
	(3 ± 0.5)	(23 ± 2) *	
	[1]	(24 ± 0.5)	(70 ± 2) * .
			(45 ± 5) .
			4.11.2.
5.10.3	2.0		
	Z		(3 ± 0.5)
(40 ± 2) *		1 / 3	
101.3			(23 ± 2) *
(5015) %			
			4.11.3.
5.10.4			
		(40 ± 3) °	(24 ± 0.5) .
	5.9.1.		
5.10.5	F.		
5.10.5.1			
18 *	28 *		
15			
		: 1—2 / ;	
			20 : (100 ± 15) .
5.10.5.2			
		10.	
			45
		— (12 ± 2)	
			(19 ± 2)
			(460 ± 10) ( .
10).			
		90 .	



1 — : 2 — . 3 — .  
 4 — : —  
 10 —

5.10.5.3

8.

8 —

F

00	
0	—
1	10
2	20
3	30
4	40

1000 /  
 — 3

•  
 • 10  
 • ( ) ;

5.11

EN 388.

12.4.307—2016

( )

.1

35

.2

.4

.1

.1 —

00.0	13
1	25
2	S1
3	76
4	102

.5

8

5.7.

( )

12.4.307—2016

[1] ISO 1817 Rubber vulcanized or thermoplastic — Determination of the effect of liquids

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685.45:006.354

13.340.40

NEO

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, , ,

09.01.2017. . . . 2.79. .- . . . 2.51. 07.02.2017. 29 . . . 290. 0\*84^  
« . . . . 12399S . . . . 4.  
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