



**27456-87**

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Threaded pipe-line connections.  
Procedure of vibration strength testing

**27456-87****4193****01.01.89**

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20467-85

2\$.101—83.

, 23207-78

27.002-83.

1.

1.1.

25.507—85

1.2.

1.3.

1.4.

## 2.

## 2.1.

$$- \lg N \quad \lg - \lg \#;$$

## 2.2.

$$0,95 \quad 0,99.$$

## 3.

## 3.1.

( ),

## 3.2.

## 3.3.

$$\frac{tg}{\sqrt{R}} \leq 5d^* < 0,025,$$

(1)

$$S_R -$$

$$0,95.$$

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5.5.

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6.

6.1.

6.2,

6.3\*

6.4.

6.5.

7.

7.1.

7.2.

$$\sigma - \lg N \left( V = \left| \frac{d\sigma}{d \lg N} \right| \right) \text{ или } \lg \sigma - \lg N \left( m = \left| \frac{d \lg N}{d \lg \sigma} \right| \right);$$

(7V);

(ff^).

7.3<sub>v</sub>

(0£/),

$$S_R = \sqrt{\frac{1}{n-1} \cdot (\bar{\sigma}_{Ri} - \bar{\sigma}_R)^2}. \quad (2)$$

7.4.

0,95 0,99.

7.5.

(a<sub>v</sub>)

(o)

$$\psi = \frac{2\sigma_{\perp 1}}{\sigma_0} - 1 \quad (3)$$

8.

8.1.

1 2).

8.2.

3.

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  2. » ..
  - 3.
  - 4.
  5. ...
  - 6.
  7. ....
  8. ....
- .....

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7. ....
8. :  

$$\begin{aligned} & ) \quad \wedge \quad \text{---} \quad \text{.....} \\ & \quad \quad ( \quad ) \\ & ) > \quad \quad \quad \text{.....} \\ & \quad \quad ( \quad ) \\ & \quad \quad \quad \text{---} \\ & \quad \quad ( \quad ) \end{aligned}$$

| $N''$<br>/ | - | $R$ | $( \quad \frac{V}{tn} )$ | $N_g$<br>. | $OR$ | - | $SR>$ | - |  |
|------------|---|-----|--------------------------|------------|------|---|-------|---|--|
|            |   |     |                          |            |      |   |       |   |  |

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**<https://minable.ru/gosty>**

$$N - \frac{aR}{- \bullet \ln 1 + 1 \exp} | - 1 | \quad (1)$$

$$N - \frac{0_R}{Q \sim Nq \bullet Op - a_R -}$$

$$(1)$$

$$> | = \textcircled{R} + \bullet ,$$

$$\bar{O}_r : Q$$

$$^{\circ}R \sim \frac{*(W) - (2)^2}{i=1} \neq 1$$

$$* < > \bullet 2^{10}$$

$$= \frac{k \{ X_z f \} - (Ezy)^2}{i=1 \quad 1=1}$$

$$Q, \quad O_R \quad V_0$$

$$\& -^{\circ}10^2 = \text{"}$$

-1020.

$$Z(o_R - o_R)^2 = 421,83 \quad 2$$

$$O_r = 156,36$$

$$V_0 = 39,89$$

$$Q = 7,72 * 10^7$$

$$O_r \quad Q,$$

$$JV_G \frac{Q}{^{\circ}R} \sim 4,94 * 10$$

$$2,5 * 10^6$$

$$So - \frac{/, \text{f} | < " \quad 2}{/ 421,83} = \sqrt{\quad} = 5,3 \quad (2)$$

$$\max = {}^a R^+ \ll = 159,18 \quad ,$$

$$OR_{\min} = \sim * = " = 153,53 \quad ,$$

$$= 2,132 ( \quad = -1 = 15 \quad 0,95);$$

$$\wedge \quad \text{---} \quad \wedge^*_{z_2} \sim 8,24 \quad ,$$

$$\wedge^{\min} " 5^* z, = 3,91 \quad ,$$

$$, = 0,738, z_2 = 1,554 ( \quad = 16 \quad 0,95) .$$

$$= tg_k \quad *'' \quad 2,132 \text{---}_{16} \quad \text{----} = 0,018. \\ *56,36$$

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2.

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28\*10.87 4038

3.

4\*

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| 25.101-83  |     |
|------------|-----|
| 25.507 -85 | 1.1 |
| 27.002-83  |     |
| 20467-85   |     |
| 22526 -77  | 3   |
| 23207-78   |     |
| 23358-87   | 3   |
| 24074 -80  | 3   |

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. 19-11.87 , . 04.01.88 0,75 . . 0,75 . .- .  
 0,61 .- . . 2\$ 000 3 .

"3 " , 1 2 3840, ,  
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