ESTIMATION CATEGORIES AND CRITERIA OF MAIN GAS PIPELINES GEOTECHNICAL CONDITION UNDER DYNAMIC OF ADVERSE CLIMATIC PROCESSES

Z. Sh. Aleskerova, S. . Pulnikov, Yu. S. Sysoev

Key words: geotechnical monitoring; gas-transport system; lineal part; technical condition; geocryological processes; geotechnical system

-
-
-

a

H ;

;

;

;

;

.1.

2—

,

;3—

:1—

;

;4—

() ,
 ,
 ,
 ,
 () ,
 ,
 ($D = 1,02 - 1,42$)
 L_{min} ,
 30–40 .
 L_{min} (. 3).

. 3.
 ,
 ,
 « — — » () 2010–2014 .,
 ,
 ,
 75 .
 L L f
 (. . 3)
 4.

. 4. L L f
 ,
 (. . 3),
 (. . 4) :

- $L = 75 \quad f = 1$;
- $f < 1$; 75
- 75 425 ;
- 425 ;

400–450 (. 5).

. 5.

- 75 $L_k < 425$
- L_k 425

$h \ b$.

$h \ b$,

1. « » // . – 2016. – 4. – . 106-115.
2. // . – 2015. – S (724). – . 53-58.
3. « » // . – 2014. – 5. – . 77-83.
4. // . – 2015. – 3. – . 81-86.
5. // . – 2015. – 1-1. – . 142.

«
 . 89224718805, e-mail: merdanovaz@mail.ru
 «
 e-mail: pulnikov@tsogu.ru
 «
 89058204010, e-mail: sysoev4010@mail.ru

Information about the authors

Aleskerova Z. Sh., postgraduate, assistant of Department «Transport of hydrocarbon resources», Industrial University of Tyumen, Tyumen, tel. 89224718805, e-mail: merdanovaz@mail.ru

Pulnikov S. A., Candidate of Science in Engineering, associate professor of Department «Transport and Technological systems», Industrial University of Tyumen, Tyumen, Chairman of the Tyumen regional office of the Russian society on soil mechanics, geotechnics and foundation engineering, Moscow, tel. 8(3452)979880, e-mail: pulnikov@tsogu.ru

Sysoyev Yu. S., Candidate of Science in Engineering, associate professor of Department «Transport and Technological systems», Industrial University of Tyumen, Tyumen, tel. 89058204010, e-mail: sysoev4010@mail.ru