



« Drilling equipment - Safety »

CEN/TC 151/WG 3

Date:
2016-03-23

Doc. Number:
N 24036

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Comments received on draft EN 16228-6 "Drilling and foundation equipment - Safety - Part 6: Jetting, grouting and injection equipment"

C
OMMENTS/
D
ECISIONS

EN 16228-6:2014 was circulated for comments (see doc WG 3 N 24028) in order to determine the needs for improvement or correction.

Comments were received from 2 Italian experts / Member bodies.

Follow-up to comments is to be given at the April meeting.

WG 3 Secretariat will then report to CEN/TC 151 mother Committee (plenary meeting scheduled 23 and 24 June) and make proposal for registration into the programme of work, according to the recommendations of the WG 3 experts, the following should be proposed:

- priorities (which part(s) to be drafted first)
- registration as preliminary Work Items or active WIs
- Amendment or Revision.

F
OLLOW UP

- For information
- For comments before
- For discussion during the next meeting on 20-22 April 2016

S
OURCE

CEN/TC 151/WG 3 Secretariat

Union de Normalisation de la Mécanique - UNM
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Template for comments and secretariat observations

Date:2016-03-23

Document:
CEN/TC 151/WG 3 N 24028

Project: EN 16228-6

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
IT01 001		05.02.6		ge	It is not specified who has to carry out this operation	Report that this operation should be carried out by the JET facility manufacturer	
IT02 002		05.02.7		te	It is necessary to add some requirements because securing hose assemblies can cause damage to rigid parts (e.g. joining nipples, delivery fittings, hose support, injection swivel) due to pulsation.	Add the following requirements: <ul style="list-style-type: none"> - Sliding pads should be placed under the hose length at the pump discharge outlet to prevent it from rubbing against an abrasive surface. - Measures should be taken to avoid the hose assembly may contact the ground. - Circulation of site vehicles near the first length of the hose assembly before this is buried in the ground, should be avoided. - The hose assembly should be buried in the ground to protect it against damage. - All the nipples of unburied hose lengths should be adequately protected with stainless steel junction sleeves. - The first length of hose should always be a new certified hose. 	
SO 003		05.02.7		te	It is necessary to add some requirements because securing hose assemblies can cause damage to rigid parts (e.g. joining nipples, delivery fittings, hose support, injection swivel) due to pulsation.	Add the following requirements: <ul style="list-style-type: none"> -Sliding pads should be placed under the hose length at the pump discharge outlet to prevent it from rubbing against an abrasive surface. -Measures should be taken to avoid the hose assembly may contact the ground. -Circulation of site vehicles near the first length of the hose assembly before this is buried in the ground, should be avoided. -The hose assembly should be buried in the ground to protect it against damage. <ul style="list-style-type: none"> -All the nipples of unburied hose lengths should be adequately protected with stainless steel junction sleeves. 	

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

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						-The first length of hose should always be a new certified hose.	
SO 004		05.02.8	1st §	te	With reference to the highest pressure pump 60 MPa (this value is indicated in NOTE 1 to the definition 3.3 jetting or jet-grouting), the today state of the art doesn't allow to manufacture jet-grouting hoses capable to operate at the highest pressures having a bursting pressure four times higher than the working pressure (with the exception of small diameters 3/4 "). Therefore it is necessary to clarify this with a NOTE at the end of sub-clause 5.2.8	NOTE According to the today state of the art, the max working pressure shall be limited, respectively, to 47,5 MPa for 1"1/2 hoses and to 52,5 MPa for 1"1/4 hoses.	
IT03 005		05.02.8	1 st paragraph	te	With reference to the highest pressure pump 60 MPa (this value is indicated in NOTE 1 to the definition 3.3 jetting or jet-grouting), the today state of the art doesn't allow to manufacture jet-grouting hoses capable to operate at the highest pressures having a bursting pressure four times higher than the working pressure (with the exception of small diameters 3/4 "). Therefore it is necessary to clarify this with a NOTE at the end of sub-clause 5.2.8.	NOTE According to the today state of the art, the max working pressure shall be limited, respectively, to 47,5 MPa for 1"1/2 hoses and to 52,5 MPa for 1"1/4 hoses.	
IT04 006		07.01		te	Necessary to add a 5 th indent	- Instructions to warn the user to limit the max working pressure to 47,5 MPa for 1"1/2 hoses and to 52,5 MPa for 1"1/4 hoses	

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MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change	Observations of the secretariat
SO 007		07.01		te	Necessary to add a 5 th indent	- Instructions to warn the user to limit the max working pressure to 47,5 MPa for 1"1/2 hoses and to 52,5 MPa for 1"1/4 hoses	

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