

<<DL/T51812003 水电水利工>>

图书基本信息

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内容概要

《DL/T5181-2003 水电水利工程锚喷支护施工规范（英文版）》为英文版，主要内容有：Scope、Normative References、Terms and Definitions、General、Construction of Anchor Bars、General、Anchor Bar Bonded in Full Length、Tension Anchor Bar、Friction Anchor Bar、ubeAnchor Bar and Self-drilling Grouted Anchor Bar、Prestressed Tendon Construction等等。

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插图：8 During grouting , if grout leakage occurs in inner anchorage section due to breaking of grout stop ring , the tendon shall be pulled out so as to flush away the grout in hole with clear water, replace the grout stop ring , re-install the tendon and conduct grouting in the inner anchorage section.

6.0.6 Relevant regulations for tensioning and locking of tendon : 1 Test in-situ shall be conducted for tensioning of anchor bars so as to determine reasonable tensioning techniques , to verify the tensioning parameters and to avoid compulsory tensioning. 2 Before tensioning , tensioning equipment shall be calibrated. 3 Tendon tensioning shall be conducted according to specified procedures. Tensioning procedure shall be designed by considering the mutual influence of adjacent tendons during tensioning. 4 Before the formal tensioning , pre-tensioning shall be conducted once or twice with single-tendon jack to keep each part in tight contact and steel wire or steel strand straight. The pre-tensioning load may be 20%—30% of the designed tensioning load. 5 During the formal tensioning , tensioning and pressure stabilizing shall be made according to the designed load increasing range and the stabilizing duration , and then locking shall be conducted. If the load increasing range and the duration of pressure stabilizing are not specified in design , the tensioning load shall be increased to 1.10% of the design one , and then the stabilizing pressure shall be kept at least 2min before locking. 6 Within 48 h after locking , if loss of prestress is larger than 10% of the design load , compensation tensioning shall be made.

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