河北丰宁抽水蓄能电站

岩石地基固结灌浆单元工程质量等级评定表

项目名称：{SectionName}

合同编号：{ContractCode} 编号：{JYPCode}

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 单位工程名称及编号 | | | | | | | | | {DWName} {DWCode} | | | | | | | | | | 单元工程量 | | | | {input\_gcl} | | | | | | | |
| 分部工程名称及编号 | | | | | | | | | {FBName} {FBCode} | | | | | | | | | | 起止桩号 | | | | {PileNo} | | | | | | | |
| 起止高程 | | | | {Altitude} | | | | | | | |
| 单元工程名称、部位及编号 | | | | | | | | | {DYName} {JYPName} {DYCode} | | | | | | | | | | 评定日期 | | | | {input\_date\_1} | | | | | | | |
| 项类 | 检查项目 | | | | | | | | | | | | 质量标准 | | | 各孔检测 | | | | | | | | | | | | | | |
| 1 | 2 | | | 3 | 4 | 5 | | | 6 | 7 | | 8 | 9 | 10 |
| 主控  项目 | 1 | 钻孔 | | | | 孔深 | | | | | | | 不得小于设计孔深 | | | {input\_1} | {input\_2} | | | {input\_3} | {input\_4} | {input\_5} | | | {input\_6} | {input\_7} | | {input\_8} | {input\_9} | {input\_10} |
| 2 | 灌浆 | | | | 灌浆压力 | | | | | | | 符合设计要求 | | | {input\_11} | {input\_12} | | | {input\_13} | {input\_14} | {input\_15} | | | {input\_16} | {input\_17} | | {input\_18} | {input\_19} | {input\_20} |
| 灌浆结束条件 | | | | | | | 符合设计要求 | | | {input\_21} | {input\_22} | | | {input\_23} | {input\_24} | {input\_25} | | | {input\_26} | {input\_27} | | {input\_28} | {input\_29} | {input\_30} |
| 3 | 施工记录、图表 | | | | | | | | | | | 齐全、清晰、准确 | | | {input\_31} | {input\_32} | | | {input\_33} | {input\_34} | {input\_35} | | | {input\_36} | {input\_37} | | {input\_38} | {input\_39} | {input\_40} |
| 一般  项目 | 1 | 钻孔 | | | | 孔序 | | | | | | | 符合设计要求 | | | {input\_41} | {input\_42} | | | {input\_43} | {input\_44} | {input\_45} | | | {input\_46} | {input\_47} | | {input\_48} | {input\_49} | {input\_50} |
| 孔位偏差 | | | | | | | ≤10cm | | | {input\_51} | {input\_52} | | | {input\_53} | {input\_54} | {input\_55} | | | {input\_56} | {input\_57} | | {input\_58} | {input\_59} | {input\_60} |
| 终孔孔径 | | | | | | | 帷幕≥46mm，固结≥38mm或符合设计要求 | | | {input\_61} | {input\_62} | | | {input\_63} | {input\_64} | {input\_65} | | | {input\_66} | {input\_67} | | {input\_68} | {input\_69} | {input\_70} |
| 孔底偏距 | | | | | | | 符合设计要求 | | | {input\_71} | {input\_72} | | | {input\_73} | {input\_74} | {input\_75} | | | {input\_76} | {input\_77} | | {input\_78} | {input\_79} | {input\_80} |
| 2 | 灌浆 | | | | 灌浆段位及段长 | | | | | | | 应符合设计要求 | | | {input\_81} | {input\_82} | | | {input\_83} | {input\_84} | {input\_85} | | | {input\_86} | {input\_87} | | {input\_88} | {input\_89} | {input\_90} |
| 钻孔冲洗 | | | | | | | 回水清净,孔底沉淀＜20cm | | | {input\_91} | {input\_92} | | | {input\_93} | {input\_94} | {input\_95} | | | {input\_96} | {input\_97} | | {input\_98} | {input\_99} | {input\_100} |
| 裂隙冲洗与压水试验 | | | | | | | 符合设计要求 | | | {input\_101} | {input\_102} | | | {input\_103} | {input\_104} | {input\_105} | | | {input\_106} | {input\_107} | | {input\_108} | {input\_109} | {input\_110} |
| 浆液及变换 | | | | | | | 符合设计要求 | | | {input\_111} | {input\_112} | | | {input\_113} | {input\_114} | {input\_115} | | | {input\_116} | {input\_117} | | {input\_118} | {input\_119} | {input\_120} |
| 特殊情况处理 | | | | | | | 处理后不影响灌浆质量 | | | {input\_121} | {input\_122} | | | {input\_123} | {input\_124} | {input\_125} | | | {input\_126} | {input\_127} | | {input\_128} | {input\_129} | {input\_130} |
| 抬动观测 | | | | | | | 符合设计要求 | | | {input\_131} | {input\_132} | | | {input\_133} | {input\_134} | {input\_135} | | | {input\_136} | {input\_137} | | {input\_138} | {input\_139} | {input\_140} |
| 封孔 | | | | | | | 符合设计要求 | | | {input\_141} | {input\_142} | | | {input\_143} | {input\_144} | {input\_145} | | | {input\_146} | {input\_147} | | {input\_148} | {input\_149} | {input\_150} |
| 各孔质量评定 | | | | | | | | | | | | | | | | {input\_151} | {input\_152} | | | {input\_153} | {input\_154} | {input\_155} | | | {input\_156} | {input\_157} | | {input\_158} | {input\_159} | {input\_160} |
| 本单元工程内共有{input\_hgl\_1}孔，其中优良{input\_hgl\_2}孔，优良率为{input\_hgl\_3}%。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 单元工程  效果检查 | | | 波速测试 | | | | | | | | | | Vp＝{input\_hgl\_4}m/s | | | | | | | | | | | | | | | | | |
| 检查孔压水试验透水率 | | | | | | | | | | q＝{input\_hgl\_5}Lu （防渗标准为{input\_hgl\_6}Lu） | | | | | | | | | | | | | | | | | |
| 检查孔单位水泥注入量 | | | | | | | | | | C＝{input\_hgl\_7}kg/m | | | | | | | | | | | | | | | | | |
| 其它 | | | | | | | | | | {input\_161} | | | | | | | | | | | | | | | | | |
| 检测  结果 | 主控项目 | | | | | | {input\_162} | | | | | | | | | | | | | | | | | | | | | | | |
| 一般项目 | | | | | | 共检测{input\_hgl\_8}点，其中合格{input\_hgl\_9}点，合格率{input\_hgl\_10}%。 | | | | | | | | | | | | | | | | | | | | | | | |
| 评定  标准 | 优良 | | | | | | 单个灌浆孔的主控项目和一般项目全部符合标准。单元工程灌浆效果检查符合要求，灌浆孔全部合格，优良灌浆孔数大于或等于70%。 | | | | | | | | | | | | | | | | | | | | | | | |
| 合格 | | | | | | 单个灌浆孔钻孔及各段灌浆的主控项目全部符合标准，一般项目有70%的检查点符合质量标准。单元工程灌浆效果检查符合要求，灌浆孔全部合格，优良灌浆孔数小于70%。 | | | | | | | | | | | | | | | | | | | | | | | |
| 施工单位自评意见 | | | | | | | | | | | 自评质量等级 | | | | 监理单位复核意见 | | | | | | | | | | | | 核定质量等级 | | | |
| 单元工程效果检查符合压水试验要求，灌浆孔全部合格，其中优良孔占{input\_hgl\_11}％。 | | | | | | | | | | | {input\_hgl\_13} | | | | 单元工程效果检查符合压水试验要求，灌浆孔全部合格，其中优良孔占{input\_hgl\_12}％。 | | | | | | | | | | | | {input\_hgl\_result} | | | |
| 施工单位 | | | | {Constructor} | | | | | | | | | | | 监理单位 | | | 浙江华东工程咨询有限公司  丰宁抽水蓄能电站工程建设监理中心 | | | | | | | | | | | | |
| 初检负责人 | | | | | | | | 复检负责人 | | | | 终检负责人 | | | 监理工程师 | | | | | | | | | | | | | | | |
|  | | | | |  | | |  | |  | |  | |  |  | | | | | | | | |  | | | | | | |
| {input\_date\_2} | | | | | | | | {input\_date\_3} | | | | {input\_date\_4} | | | {input\_date\_5} | | | | | | | | | | | | | | | |

注：1.各孔检测结果当一孔多段时，可用分数表示，如：“8/11”表示该孔有11段，其中8个段合格；不便用数字表示的可用符号表示：“√”表示“符合质量标准”；“×”表示“不符合质量标准”;

1. 各孔质量评定用符号表示，“○”表示“优良”；“√”表示“合格”；“×”表示“不合格”;
2. “其它”一栏可填写检查孔岩芯情况、灌浆注入量、物探测试以及坝(堤)下游测压管水位变化情况。