河北丰宁抽水蓄能电站工程

压力钢管制作组圆施工记录表

合同编号：{ContractCode} 编号：{JJCode}

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 单位工程名称  (及编码) | | | | {DWName} {DWCode} | | | | | 单元工程量 | | | | | | | {input\_gcl} | | | | | | | | |
| 分部工程名称  (及编码) | | | | {FBName} {FBCode} | | | | | 施工单位 | | | | | | | {Constructor} | | | | | | | | |
| 单元工程名称、部位  (及编码) | | | | {DYName} {JYPName} {DYCode} | | | | | 材质 | | | {input\_1} | | | | 内径（mm） | | | | | | | {input\_2} | |
| 板厚（mm） | | | | | | | {input\_3} | |
| 施工依据 | | | | {BuildBase} | | | | | | | | | | | | | | | | | | | | |
| 项  次 | 项 目 | | | 设计值（mm） | 允 许 偏 差（mm） | | | | | | | | | | | | | | | | | 检 验 记 录 | | |
| 合 格 | | | | | | | | 优 良 | | | | | | | | |
| 钢管内径D（m） | | | | | | | | 钢管内径D（m） | | | | | | | | | 实测值（mm） | 合 格数 | 合 格率％ |
| D≤2 | | 2＜D≤5 | | | | D＞5 | | D≤2 | | | | | 2＜D≤5 | | | D＞5 |
| 1 | 瓦片与样板  极限间隙 | | | {input\_4} | 样 板 弦 长m | | | | | | | | | | | | | | | | | {input\_5} | {input\_6} | {input\_7} |
| 0.5D | | 1.0m | | | | 1.5m | | 0.5D | | | | | 1.0m | | | 1.5m |
| 1.5 | | 2.0 | | | | 2.5 | | 1.0 | | | | | 1.5 | | | 2.0 |
| 2 | △实际周长与  设计周长差 | | | {input\_8} | ±3D/1000  且≤±24 | | | | | | | | ±2.5D／1000  且≤±24 | | | | | | | | | {input\_9} | {input\_10} | {input\_11} |
| 3 | △相邻管  节周长差 | | | {input\_12} | δ＜10 6 | | | | | | | | 6 | | | | | | | | | {input\_13} | {input\_14} | {input\_15} |
| δ≥10 10 | | | | | | | | 8 | | | | | | | | |
| 4 | 纵缝对口径向错边量 | | | {input\_16} | 10%δ，且≤2 | | | | | | | | ≤10%δ且≤1.5（当δ≤30时为1） | | | | | | | | | {input\_17} | {input\_18} | {input\_19} |
| 5 | 环缝对口径向错边量 | | | {input\_20} | δ≤30： 15%δ，且≤3  30＜δ≤60： 10%δ  δ＞60： ≤6 | | | | | | | | δ≤30： ≤15%δ 且≤2  30＜δ≤60： 10% 且≤4  δ＞60： ≤5 | | | | | | | | | {input\_21} | {input\_22} | {input\_23} |
| 6 | △钢管管口  平面度 | | | {input\_24} | D≤5m | | | D＞5m | | | | | D≤5m | | | | | | D＞5m | | | {input\_25} | {input\_26} | {input\_27} |
| 2.0 | | | 3.0 | | | | | 1.5 | | | | | | 2.0 | | |
| 7 | 纵缝与样板的极限间隙 | | | {input\_28} | 样 板 弦 长 mm | | | | | | | | | | | | | | | | | {input\_29} | {input\_30} | {input\_31} |
| 500 | 500 | | | | D/10 | | | 500 | | | | 500 | | | D/10 | |
| 4.0 | 4.0 | | | | 4.0 | | | 2.0 | | | | 3.0 | | | 4.0 | |
| 8 | 钢管圆度 | | | {input\_32} | 3D/1000，且≤30 | | | | | | | | 2.5D/1000，且≤20 | | | | | | | | | {input\_33} | {input\_34} | {input\_35} |
| 9.1 | 加劲环、止推环或阻水环与管壁的铅垂度 | | | {input\_36} | 支 承 环 | | | | | | | | | | | | | | | | | {input\_37} | {input\_38} | {input\_39} |
| a ≤0.01H，且≤3 | | | | | | | | | a ≤0.01H，且≤2 | | | | | | | |
| 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_40} | {input\_41} | {input\_42} |
| a ≤0.02H，且≤5 | | | | | | | | | a ≤0.02H，且≤3 | | | | | | | |
| 9.2 | 加劲环、止推环或阻水环所组成的平面与管轴线的铅垂度 | | | {input\_43} | 支 承 环 | | | | | | | | | | | | | | | | | {input\_44} | {input\_45} | {input\_46} |
| b ≤2D/1000，且≤6 | | | | | | | | | b ≤2D/1000，且≤4 | | | | | | | |
| 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_47} | {input\_48} | {input\_49} |
| b ≤4D/1000，且≤12 | | | | | | | | | b ≤4D/1000，且≤10 | | | | | | | |
| 9.3 | 加劲环、止推环或阻水环相邻两环的间距 | | | {input\_50} | 支承环 | | | | | | | | | | | | | | | | | {input\_51} | {input\_52} | {input\_53} |
| ±10 | | | | | | | | | ±8 | | | | | | | |
| {input\_54} | 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_55} | {input\_56} | {input\_57} |
| ±30 | | | | | | | | | ±25 | | | | | | | |
| 检验结果 | | | | | 主要项目共测{input\_hgl\_1}点，合格{input\_hgl\_2}点，合格率{input\_hgl\_3}％。 | | | | | | | | | | | | | | | | | | | |
| 一般项目共测{input\_hgl\_4}点，合格{input\_hgl\_5}点，合格率{input\_hgl\_6}％。 | | | | | | | | | | | | | | | | | | | |
| 验收意见 | | | | | 经检验{input\_58} | | | | | | | | | | | | | | | | | | | |
| 施工单位 | | 初检： |  | | | | | | | | | | | | 监理单位 | | | 验收意见：{input\_59} | | | | | | |
|  | {input\_date\_1} | | | | | | | | | | | |
| 复检： |  | | | | | | | | | | | |  | | | | | | |
|  | {input\_date\_2} | | | | | | | | | | | |
| 终检： |  | | | | | | | | | | | | {input\_date\_4} | | | | | | |
|  | {input\_date\_3} | | | | | | | | | | | |

河北丰宁抽水蓄能电站工程

压力钢管制作组圆施工记录表

合同编号：{ContractCode} 编号：{JJCode}

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 单位工程名称  (及编码) | | | | {DWName} {DWCode} | | | | | 单元工程量 | | | | | | | {input\_2\_gcl} | | | | | | | | |
| 分部工程名称  (及编码) | | | | {FBName} {FBCode} | | | | | 施工单位 | | | | | | | {Constructor} | | | | | | | | |
| 单元工程名称、部位  (及编码) | | | | {DYName} {JYPName} {DYCode} | | | | | 材质 | | | {input\_2\_1} | | | | 内径（mm） | | | | | | | {input\_2\_2} | |
| 板厚（mm） | | | | | | | {input\_2\_3} | |
| 施工依据 | | | | {BuildBase} | | | | | | | | | | | | | | | | | | | | |
| 项  次 | 项 目 | | | 设计值（mm） | 允 许 偏 差（mm） | | | | | | | | | | | | | | | | | 检 验 记 录 | | |
| 合 格 | | | | | | | | 优 良 | | | | | | | | |
| 钢管内径D（m） | | | | | | | | 钢管内径D（m） | | | | | | | | | 实测值（mm） | 合 格数 | 合 格率％ |
| D≤2 | | 2＜D≤5 | | | | D＞5 | | D≤2 | | | | | 2＜D≤5 | | | D＞5 |
| 1 | 瓦片与样板  极限间隙 | | | {input\_2\_4} | 样 板 弦 长m | | | | | | | | | | | | | | | | | {input\_2\_5} | {input\_2\_6} | {input\_2\_7} |
| 0.5D | | 1.0m | | | | 1.5m | | 0.5D | | | | | 1.0m | | | 1.5m |
| 1.5 | | 2.0 | | | | 2.5 | | 1.0 | | | | | 1.5 | | | 2.0 |
| 2 | △实际周长与  设计周长差 | | | {input\_2\_8} | ±3D/1000  且≤±24 | | | | | | | | ±2.5D／1000  且≤±24 | | | | | | | | | {input\_2\_9} | {input\_2\_10} | {input\_2\_11} |
| 3 | △相邻管  节周长差 | | | {input\_2\_12} | δ＜10 6 | | | | | | | | 6 | | | | | | | | | {input\_2\_13} | {input\_2\_14} | {input\_2\_15} |
| δ≥10 10 | | | | | | | | 8 | | | | | | | | |
| 4 | 纵缝对口径向错边量 | | | {input\_2\_16} | 10%δ，且≤2 | | | | | | | | ≤10%δ且≤1.5（当δ≤30时为1） | | | | | | | | | {input\_2\_17} | {input\_2\_18} | {input\_2\_19} |
| 5 | 环缝对口径向错边量 | | | {input\_2\_20} | δ≤30： 15%δ，且≤3  30＜δ≤60： 10%δ  δ＞60： ≤6 | | | | | | | | δ≤30： ≤15%δ 且≤2  30＜δ≤60： 10% 且≤4  δ＞60： ≤5 | | | | | | | | | {input\_2\_21} | {input\_2\_22} | {input\_2\_23} |
| 6 | △钢管管口  平面度 | | | {input\_2\_24} | D≤5m | | | D＞5m | | | | | D≤5m | | | | | | D＞5m | | | {input\_2\_25} | {input\_2\_26} | {input\_2\_27} |
| 2.0 | | | 3.0 | | | | | 1.5 | | | | | | 2.0 | | |
| 7 | 纵缝与样板的极限间隙 | | | {input\_2\_28} | 样 板 弦 长 mm | | | | | | | | | | | | | | | | | {input\_2\_29} | {input\_2\_30} | {input\_2\_31} |
| 500 | 500 | | | | D/10 | | | 500 | | | | 500 | | | D/10 | |
| 4.0 | 4.0 | | | | 4.0 | | | 2.0 | | | | 3.0 | | | 4.0 | |
| 8 | 钢管圆度 | | | {input\_2\_32} | 3D/1000，且≤30 | | | | | | | | 2.5D/1000，且≤20 | | | | | | | | | {input\_2\_33} | {input\_2\_34} | {input\_2\_35} |
| 9.1 | 加劲环、止推环或阻水环与管壁的铅垂度 | | | {input\_2\_36} | 支 承 环 | | | | | | | | | | | | | | | | | {input\_2\_37} | {input\_2\_38} | {input\_2\_39} |
| a ≤0.01H，且≤3 | | | | | | | | | a ≤0.01H，且≤2 | | | | | | | |
| 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_2\_40} | {input\_2\_41} | {input\_2\_42} |
| a ≤0.02H，且≤5 | | | | | | | | | a ≤0.02H，且≤3 | | | | | | | |
| 9.2 | 加劲环、止推环或阻水环所组成的平面与管轴线的铅垂度 | | | {input\_2\_43} | 支 承 环 | | | | | | | | | | | | | | | | | {input\_2\_44} | {input\_2\_45} | {input\_2\_46} |
| b ≤2D/1000，且≤6 | | | | | | | | | b ≤2D/1000，且≤4 | | | | | | | |
| 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_2\_47} | {input\_2\_48} | {input\_2\_49} |
| b ≤4D/1000，且≤12 | | | | | | | | | b ≤4D/1000，且≤10 | | | | | | | |
| 9.3 | 加劲环、止推环或阻水环相邻两环的间距 | | | {input\_2\_50} | 支承环 | | | | | | | | | | | | | | | | | {input\_2\_51} | {input\_2\_52} | {input\_2\_53} |
| ±10 | | | | | | | | | ±8 | | | | | | | |
| {input\_2\_54} | 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_2\_55} | {input\_2\_56} | {input\_2\_57} |
| ±30 | | | | | | | | | ±25 | | | | | | | |
| 检验结果 | | | | | 主要项目共测{input\_2\_hgl\_1}点，合格{input\_2\_hgl\_2}点，合格率{input\_2\_hgl\_3}％。 | | | | | | | | | | | | | | | | | | | |
| 一般项目共测{input\_2\_hgl\_4}点，合格{input\_2\_hgl\_5}点，合格率{input\_2\_hgl\_6}％。 | | | | | | | | | | | | | | | | | | | |
| 验收意见 | | | | | 经检验{input\_2\_58} | | | | | | | | | | | | | | | | | | | |
| 施工单位 | | 初检： |  | | | | | | | | | | | | 监理单位 | | | 验收意见：{input\_2\_59} | | | | | | |
|  | {input\_2\_date\_1} | | | | | | | | | | | |
| 复检： |  | | | | | | | | | | | |  | | | | | | |
|  | {input\_2\_date\_2} | | | | | | | | | | | |
| 终检： |  | | | | | | | | | | | | {input\_2\_date\_4} | | | | | | |
|  | {input\_2\_date\_3} | | | | | | | | | | | |

河北丰宁抽水蓄能电站工程

压力钢管制作组圆施工记录表

合同编号：{ContractCode} 编号：{JJCode}

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 单位工程名称  (及编码) | | | | {DWName} {DWCode} | | | | | 单元工程量 | | | | | | | {input\_3\_gcl} | | | | | | | | |
| 分部工程名称  (及编码) | | | | {FBName} {FBCode} | | | | | 施工单位 | | | | | | | {Constructor} | | | | | | | | |
| 单元工程名称、部位  (及编码) | | | | {DYName} {JYPName} {DYCode} | | | | | 材质 | | | {input\_3\_1} | | | | 内径（mm） | | | | | | | {input\_3\_2} | |
| 板厚（mm） | | | | | | | {input\_3\_3} | |
| 施工依据 | | | | {BuildBase} | | | | | | | | | | | | | | | | | | | | |
| 项  次 | 项 目 | | | 设计值（mm） | 允 许 偏 差（mm） | | | | | | | | | | | | | | | | | 检 验 记 录 | | |
| 合 格 | | | | | | | | 优 良 | | | | | | | | |
| 钢管内径D（m） | | | | | | | | 钢管内径D（m） | | | | | | | | | 实测值（mm） | 合 格数 | 合 格率％ |
| D≤2 | | 2＜D≤5 | | | | D＞5 | | D≤2 | | | | | 2＜D≤5 | | | D＞5 |
| 1 | 瓦片与样板  极限间隙 | | | {input\_3\_4} | 样 板 弦 长m | | | | | | | | | | | | | | | | | {input\_3\_5} | {input\_3\_6} | {input\_3\_7} |
| 0.5D | | 1.0m | | | | 1.5m | | 0.5D | | | | | 1.0m | | | 1.5m |
| 1.5 | | 2.0 | | | | 2.5 | | 1.0 | | | | | 1.5 | | | 2.0 |
| 2 | △实际周长与  设计周长差 | | | {input\_3\_8} | ±3D/1000  且≤±24 | | | | | | | | ±2.5D／1000  且≤±24 | | | | | | | | | {input\_3\_9} | {input\_3\_10} | {input\_3\_11} |
| 3 | △相邻管  节周长差 | | | {input\_3\_12} | δ＜10 6 | | | | | | | | 6 | | | | | | | | | {input\_3\_13} | {input\_3\_14} | {input\_3\_15} |
| δ≥10 10 | | | | | | | | 8 | | | | | | | | |
| 4 | 纵缝对口径向错边量 | | | {input\_3\_16} | 10%δ，且≤2 | | | | | | | | ≤10%δ且≤1.5（当δ≤30时为1） | | | | | | | | | {input\_3\_17} | {input\_3\_18} | {input\_3\_19} |
| 5 | 环缝对口径向错边量 | | | {input\_3\_20} | δ≤30： 15%δ，且≤3  30＜δ≤60： 10%δ  δ＞60： ≤6 | | | | | | | | δ≤30： ≤15%δ 且≤2  30＜δ≤60： 10% 且≤4  δ＞60： ≤5 | | | | | | | | | {input\_3\_21} | {input\_3\_22} | {input\_3\_23} |
| 6 | △钢管管口  平面度 | | | {input\_3\_24} | D≤5m | | | D＞5m | | | | | D≤5m | | | | | | D＞5m | | | {input\_3\_25} | {input\_3\_26} | {input\_3\_27} |
| 2.0 | | | 3.0 | | | | | 1.5 | | | | | | 2.0 | | |
| 7 | 纵缝与样板的极限间隙 | | | {input\_3\_28} | 样 板 弦 长 mm | | | | | | | | | | | | | | | | | {input\_3\_29} | {input\_3\_30} | {input\_3\_31} |
| 500 | 500 | | | | D/10 | | | 500 | | | | 500 | | | D/10 | |
| 4.0 | 4.0 | | | | 4.0 | | | 2.0 | | | | 3.0 | | | 4.0 | |
| 8 | 钢管圆度 | | | {input\_3\_32} | 3D/1000，且≤30 | | | | | | | | 2.5D/1000，且≤20 | | | | | | | | | {input\_3\_33} | {input\_3\_34} | {input\_3\_35} |
| 9.1 | 加劲环、止推环或阻水环与管壁的铅垂度 | | | {input\_3\_36} | 支 承 环 | | | | | | | | | | | | | | | | | {input\_3\_37} | {input\_3\_38} | {input\_3\_39} |
| a ≤0.01H，且≤3 | | | | | | | | | a ≤0.01H，且≤2 | | | | | | | |
| 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_3\_40} | {input\_3\_41} | {input\_3\_42} |
| a ≤0.02H，且≤5 | | | | | | | | | a ≤0.02H，且≤3 | | | | | | | |
| 9.2 | 加劲环、止推环或阻水环所组成的平面与管轴线的铅垂度 | | | {input\_3\_43} | 支 承 环 | | | | | | | | | | | | | | | | | {input\_3\_44} | {input\_3\_45} | {input\_3\_46} |
| b ≤2D/1000，且≤6 | | | | | | | | | b ≤2D/1000，且≤4 | | | | | | | |
| 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_3\_47} | {input\_3\_48} | {input\_3\_49} |
| b ≤4D/1000，且≤12 | | | | | | | | | b ≤4D/1000，且≤10 | | | | | | | |
| 9.3 | 加劲环、止推环或阻水环相邻两环的间距 | | | {input\_3\_50} | 支承环 | | | | | | | | | | | | | | | | | {input\_3\_51} | {input\_3\_52} | {input\_3\_53} |
| ±10 | | | | | | | | | ±8 | | | | | | | |
| {input\_3\_54} | 加劲环、止推环、阻水环 | | | | | | | | | | | | | | | | | {input\_3\_55} | {input\_3\_56} | {input\_3\_57} |
| ±30 | | | | | | | | | ±25 | | | | | | | |
| 检验结果 | | | | | 主要项目共测{input\_3\_hgl\_1}点，合格{input\_3\_hgl\_2}点，合格率{input\_3\_hgl\_3}％。 | | | | | | | | | | | | | | | | | | | |
| 一般项目共测{input\_3\_hgl\_4}点，合格{input\_3\_hgl\_5}点，合格率{input\_3\_hgl\_6}％。 | | | | | | | | | | | | | | | | | | | |
| 验收意见 | | | | | 经检验{input\_3\_58} | | | | | | | | | | | | | | | | | | | |
| 施工单位 | | 初检： |  | | | | | | | | | | | | 监理单位 | | | 验收意见：{input\_3\_59} | | | | | | |
|  | {input\_3\_date\_1} | | | | | | | | | | | |
| 复检： |  | | | | | | | | | | | |  | | | | | | |
|  | {input\_3\_date\_2} | | | | | | | | | | | |
| 终检： |  | | | | | | | | | | | | {input\_3\_date\_4} | | | | | | |
|  | {input\_3\_date\_3} | | | | | | | | | | | |