**安全生产检测检验机构信息公开表**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 机构名称 | | | | 重庆职卫科技有限公司 | | | | | | | | | | | | | | | | | | | | | | | |
| 统一社会信用代码/注册号 | | | | | | | | | | | | | | | | 915001073052520223 | | | | | | | | | | | |
| 通信地址 | | | | | | | | | | 重庆市九龙坡区渝州路59号“石桥广场3F-C303号” | | | | | | | | | | | 邮政编码 | | | | 400041 | | |
| 实验室地址 | | | | | | | | | | 重庆市九龙坡区渝州路59号“石桥广场LG-301” | | | | | | | | | | | 邮政编码 | | | | 400041 | | |
| 法定代表人 | | | | | | | | | | 范雪梅 | | | | | | | | | | |  | | | |  | | |
| 机构联系人 | | | | | | | | | | 邹金鹏 | | | | | | | | | | | 联系电话 | | | | 023-65239424 | | |
| 主持检测检验工作负责人 | | | | | | | | | | 邹金鹏 | | | | | | | | | | | 技术负责人 | | | | 于小燕 | | |
| 资质证书编号 | | | | | | | | | | 渝应急2002 | | | | | | | | | | | 发证日期 | | | | 2025年8月14日 | | |
| 资质证书批准部门 | | | | | | | | | | 重庆市应急管理局 | | | | | | | | | | | 有效日期 | | | | 2030年8月13日 | | |
| 批准的业务范围 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 场所：重庆市九龙坡区渝州路59号“石桥广场3F-C303”  地址：重庆市九龙坡区渝州路59号“石桥广场LG-301” | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **序号** | **被检对象** | | | | **项目/参数** | | | | | | | | | | | | | | **依据标准编号及名称** | | | | **限制范围** | | | | **说明** |
| **序号** | | | **名称** | | | | | | | | | | |
| **Ⅰ、煤矿矿用产品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **一、电气设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）供电设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1、防爆干式变压器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 煤矿用干式变压器 | | | | 1 | | 绕组绝缘电阻和吸收比 | | | | | | | | | | | | NB/T 10177-2019《煤矿在用电力变压器电气安全检测检验规范》 | | | |  | | | | 现场/增项 |
| 2 | | 有载调压装置的检查和试验 | | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 绕组直流电阻 | | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 测温装置检查 | | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | 二次回路绝缘电阻测量 | | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | 铁芯绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | 电压比 | | | | | | | | | | | |  | | | | 现场/增项 |
| 8 | | 组别和极性 | | | | | | | | | | | |  | | | | 现场/增项 |
| 9 | | 绕组连同套管的交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 |
| 10 | | 相位检查 | | | | | | | | | | | |  | | | | 现场/增项 |
| 11 | | 冲击合闸试验 | | | | | | | | | | | |  | | | | 现场/增项 |
| 2 | 煤矿用  油浸式变压器 | | | | 1 | | 外观、证件检查 | | | | | | | | | | | | NB/T 10177-2019《煤矿在用电力变压器电气安全检测检验规范》 | | | |  | | | | 现场/增项 |
| 2 | | 绕组绝缘电阻、吸收比或（和）极化指数 | | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 绕组泄漏电流 | | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 绕组连同套管的介质损耗角正切值tanδ及电容量 | | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | 非纯瓷套管的介质损耗角正切值tanδ | | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | 有载调压装置的检查和试验 | | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | 绕组直流电阻 | | | | | | | | | | | |  | | | | 现场/增项 |
| 8 | | 测温装置检查 | | | | | | | | | | | |  | | | | 现场/增项 |
| 9 | | 气体继电器检查 | | | | | | | | | | | |  | | | | 现场/增项 |
| 10 | | 二次回路绝缘电阻测量 | | | | | | | | | | | |  | | | | 现场/增项 |
| 11 | | 铁芯绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 |
| 12 | | 电压比 | | | | | | | | | | | |  | | | | 现场/增项 |
| 13 | | 组别和极性 | | | | | | | | | | | |  | | | | 现场/增项 |
| 14 | | 绕组连同套管的交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 |
| 15 | | 相位检查 | | | | | | | | | | | |  | | | | 现场/增项 |
| 16 | | 冲击合闸试验 | | | | | | | | | | | |  | | | | 现场/增项 |
| 17 | | 绝缘油理化分析 | | | | | | | | | | | | 只测35kV及以下击穿电压试验 | | | | 现场/增项 |
| **（二）配电设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4、防爆馈电开关** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 煤矿用  防爆低压交流真空馈电开关 | | | | 1 | | | 绝缘电阻 | | | | | | | | | | | GB 50150-2016《电气装置安装工程 电气设备交接试验标准》 | | | |  | | | | 现场/增项 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场/增项 |
| **6、防爆配电装置** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 煤矿用  隔爆型高压配电装置 | | | | 1 | | | 绝缘电阻 | | | | | | | | | | | DL/T 596-2021《电力设备预防性试验规程》  GB 50150-2016《电气装置安装工程 电气设备交接试验标准》 | | | |  | | | | 现场/增项 |
| 2 | | | 耐压试验 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | | 辅助回路和控制回路交流耐压试验 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | | 导电回路电阻测定 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | | 检查动触头上的软联接夹片有无松动 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | 煤矿用  配电装置：高压开关柜 | | | | 1 | | | 外观及内部连接 | | | | | | | | | | | NB/T 10179-2019《煤矿在用高压开关设备电气试验规范》 | | | |  | | | | 现场/增项 |
| 2 | | | 主回路绝缘电阻 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 辅助回路和控制回路绝缘电阻 | | | | | | | | | | |  | | | | 现场 |
| 4 | | | 导电回路电阻 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | | 操作控制电压 | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | | 断路器合闸时间、分闸时间和分合闸同期性 | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | | 主回路交流耐压试验 | | | | | | | | | | |  | | | | 现场/增项 |
| 8 | | | 电压48V以上辅助回路和控制回路交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 9 | | | 防止误操作功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 10 | | | 电压抽取（带电显示）装置 | | | | | | | | | | |  | | | | 现场/增项 |
| 11 | | | 灭弧室密封性 | | | | | | | | | | |  | | | | 现场/增项 |
| 12 | | | 电流互感器 | | | | | | | | | | |  | | | | 现场/增项 |
| 13 | | | 电压互感器 | | | | | | | | | | |  | | | | 现场/增项 |
| 14 | | | 继电保护动作定值 | | | | | | | | | | |  | | | | 现场 |
| 6 | 煤矿用  配电装置：消弧线圈和油浸电抗器 | | | | 1 | | | 绝缘电阻和吸收比测定 | | | | | | | | | | | 《煤矿电气试验规程》（83）煤生字第761号 | | | |  | | | | 现场 |
| 2 | | | 泄漏电流测定 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 线圈直流电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 4 | | | 绝缘油试验 | | | | | | | | | | | 只测35kV及以下击穿电压试验 | | | | 现场 |
| 7 | 煤矿用  配电装置：断路器 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 2 | | | 泄漏电流测定 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 4 | | | 导电回路电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 8 | 煤矿用  配电装置：互感器 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | | 《煤矿电气试验规程》（83）煤生字第761号 | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 绝缘油试验 | | | | | | | | | | | 只测35kV及以下击穿电压试验 | | | | 现场 |
| 9 | 煤矿用  配电装置：套管 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | | 《煤矿电气试验规程》（83）煤生字第761号 | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 充油套管绝缘油试验 | | | | | | | | | | | 只测35kV及以下击穿电压试验 | | | | 现场 |
| 10 | 煤矿用  配电装置：支柱绝缘子和悬式绝缘子 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | | 《煤矿电气试验规程》（83）煤生字第761号 | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 11 | 煤矿用  配电装置：隔离开关和母线 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 12 | 煤矿用  配电装置：电力电容器 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 13 | 煤矿用  配电装置：干式电抗器 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 14 | 煤矿用  配电装置：二次回路 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 15 | 煤矿用  配电装置：接地电阻 | | | | 1 | | | 接地电阻测定 | | | | | | | | | | | 《煤矿电气试验规程》（83）煤生字第761号  《煤矿安全规程》（2022） | | | |  | | | | 现场 |
| 16 | 煤矿用  配电装置：电力电缆 | | | | 1 | | | 绝缘电阻 | | | | | | | | | | | NB/T10181-2019《煤矿在用电力电缆安全检测检验规范》 | | | |  | | | | 现场 |
| 2 | | | 外护套绝缘电阻 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 电流线路的相位 | | | | | | | | | | |  | | | | 现场 |
| 4 | | | 直流耐压检验并测泄漏电流 | | | | | | | | | | |  | | | | 现场 |
| 5 | | | 交流耐压 | | | | | | | | | | |  | | | | 现场 |
| 1 | | | 绝缘电阻 | | | | | | | | | | | GB 43069-2023《矿用电缆安全技术要求》 | | | |  | | | | 现场/增项 |
| 2 | | | 交流耐压性能 | | | | | | | | | | |  | | | | 现场/增项 |
| 17 | 煤矿用  配电装置：金属氧化物避雷器 | | | | 1 | | | 绝缘电阻 | | | | | | | | | | | GB 50150-2016《电气装置安装工程电气设备交接试验标准》  DL/T 474.5-2018《现场绝缘试验导则 避雷器试验》  《煤矿电气试验规程》（83）煤生字第761号 | | | |  | | | | 现场/增项 |
| 2 | | | 基座绝缘电阻 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | | 工频参考电压和持续电流 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | | 直流参考电压和0.75倍直流参考电压下的泄漏电流 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | | 放电计数器动作情况及监视电流表指示 | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | | 工频放电电压试验 | | | | | | | | | | |  | | | | 现场/增项 |
| **（三）电动机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **7、防爆电动机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 交流  电动机 | | | | 1 | | | 绝缘电阻和吸收比测定 | | | | | | | | | | | 《煤矿电气试验规程》（83）煤生字第761号 | | | |  | | | | 现场 |
| 2 | | | 直流耐压试验并测泄漏电流 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 直流电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 19 | 直流电机 | | | | 1 | | | 绝缘电阻测定 | | | | | | | | | | |  | | | | 现场 |
| 2 | | | 交流耐压试验 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 直流电阻测定 | | | | | | | | | | |  | | | | 现场 |
| **（四）控制、保护设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **14、防爆综合保护装置** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 煤矿用  隔爆型照明信号综合保护装置 | | | | 1 | | | 外观 | | | | | | | | | | | MT/T 1123-2011《矿用隔爆型照明信号综合保护装置》 | | | |  | | | | 现场/增项 |
| 2 | | | 绝缘电阻 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | | 工频耐压 | | | | | | | | | | |  | | | | 现场/增项 |
| 21 | 煤矿用  继电保护装置 | | | | 1 | | | 外观检查 | | | | | | | | | | | NB/T10178-2019《煤矿在用继电保护装置电气试验规范》 | | | |  | | | | 现场 |
| 2 | | | 二次回路 | | | | | | | | | | |  | | | | 现场 |
| 3 | | | 介质强度 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | | 电流、电压互感器符合性 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | | 上电检查 | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | | 操作箱检查试验 | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | | 键盘、按钮、人机界面 | | | | | | | | | | |  | | | | 现场 |
| 8 | | | 故障记录及信息输出 | | | | | | | | | | |  | | | | 现场 |
| 9 | | | 通道线性度试验 | | | | | | | | | | |  | | | | 现场 |
| 10 | | | 保护特性、定值及动作逻辑 | | | | | | | | | | |  | | | | 现场 |
| 11 | | | 出口、压板及信号回路 | | | | | | | | | | |  | | | | 现场 |
| 12 | | | 远方通流及加压 | | | | | | | | | | |  | | | | 现场/增项 |
| 13 | | | 用一次电流及工作电压的检验 | | | | | | | | | | |  | | | | 现场/增项 |
| 14 | | | 传动试验 | | | | | | | | | | |  | | | | 现场 |
| **（六）其他防爆电气设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **18、接线盒、按钮、电铃、插销、连接器等使用煤矿井下爆炸危险环境的起连接、控制等辅助作用的电气设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | 辅助电气设备：  安全帽 | | | | 1 | | 外观检查 | | | | | | | | | | | DL/T 1476-2023《电力安全工器具预防性试验规程》  DL/T 976-2017《带电作业工具、装置和设备预防性试验规程》 | | | |  | | | | 增项 |
| 2 | | 冲击吸收性能试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 耐穿刺性能试验 | | | | | | | | | | |  | | | | 增项 |
| 23 | | 辅助电气设备：  绝缘杆 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 24 | | 辅助电气设备：  绝缘绳 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 静负荷试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 25 | | 辅助电气设备：  携带型短路接地线 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 线缆成组直流电阻试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 接地操作杆工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 绝缘绳静负荷试验 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 绝缘绳工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 26 | | 辅助电气设备：  电容型验电器 | | | | 1 | | 外观检查 | | | | | | | | | | | DL/T 1476-2023《电力安全工器具预防性试验规程》  DL/T 976-2017《带电作业工具、装置和设备预防性试验规程》 | | | |  | | | | 增项 |
| 2 | | 启动电压试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 27 | | 辅助电气设备：  核相器 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 动作耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 操作杆工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 连接导线绝缘强度试验 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 电阻管泄漏电流试验 | | | | | | | | | | |  | | | | 增项 |
| 28 | | 辅助电气设备：  绝缘罩 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 29 | | 辅助电气设备：  绝缘隔板 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 表面工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 30 | | 辅助电气设备：  绝缘夹钳 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| 31 | | 辅助电气设备：  辅助型绝缘手套 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 工频耐压及泄漏电流试验 | | | | | | | | | | |  | | | | 增项 |
| 32 | | 辅助电气设备：  辅助型绝缘靴 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 工频耐压及泄漏电流试验 | | | | | | | | | | |  | | | | 增项 |
| 33 | | 辅助电气设备：  辅助型绝缘胶垫 | | | | 1 | | 外观检查 | | | | | | | | | | |  | | | | 增项 |
| 2 | | 工频耐压试验 | | | | | | | | | | |  | | | | 增项 |
| **二、安全监控与通信设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）安全生产监测监控系统及配套设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **19、监测监控装置及系统** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | | 供电监控  煤矿井下低压供电系统 | | | | 1 | | 一般规定 | | | | | | | | | | | AQ1023-2006《煤矿井下低压供电系统及装备通用安全技术要求》  《煤矿安全规程》（2022） | | | |  | | | | 现场 |
| 2 | | 电气设备 | | | | | | | | | | |  | | | | 现场 |
| 3 | | 供电线路 | | | | | | | | | | |  | | | | 现场 |
| 4 | | 采区变电所值班情况 | | | | | | | | | | |  | | | | 现场 |
| 5 | | 变压器接地 | | | | | | | | | | |  | | | | 现场 |
| 6 | | 电气设备选用 | | | | | | | | | | |  | | | | 现场 |
| 7 | | 防护设施 | | | | | | | | | | |  | | | | 现场 |
| 8 | | 电压等级 | | | | | | | | | | |  | | | | 现场 |
| 9 | | 电压标识 | | | | | | | | | | |  | | | | 现场 |
| 10 | | 配电系统图 | | | | | | | | | | |  | | | | 现场 |
| 11 | | 供电系统配电设备 | | | | | | | | | | |  | | | | 现场 |
| 12 | | 供电系统控制设备 | | | | | | | | | | |  | | | | 现场 |
| 13 | | 监测功能 | | | | | | | | | | |  | | | | 现场 |
| 14 | | 电气设备和保护 | | | | | | | | | | |  | | | | 现场 |
| 15 | | 禁用设备 | | | | | | | | | | |  | | | | 现场 |
| 16 | | 短路、过负荷和漏电保护 | | | | | | | | | | |  | | | | 现场 |
| 17 | | 配电网路 | | | | | | | | | | |  | | | | 现场 |
| 18 | | 漏电保护装置及试验 | | | | | | | | | | |  | | | | 现场 |
| 19 | | 馈电线路 | | | | | | | | | | |  | | | | 现场 |
| 20 | | 防雷电装置 | | | | | | | | | | |  | | | | 现场 |
| 21 | | 井下机电设备硐室 | | | | | | | | | | |  | | | | 现场 |
| 22 | | 中央变电所和机电设备硐室 | | | | | | | | | | |  | | | | 现场 |
| 23 | | 采掘工作面配电硐室 | | | | | | | | | | |  | | | | 现场 |
| 24 | | 硐室出口 | | | | | | | | | | |  | | | | 现场 |
| 25 | | 硐室内通道 | | | | | | | | | | |  | | | | 现场 |
| 26 | | 硐室相关标识 | | | | | | | | | | |  | | | | 现场 |
| 27 | | 输电线路及电缆 | | | | | | | | | | |  | | | | 现场 |
| 28 | | 电缆安标 | | | | | | | | | | |  | | | | 现场 |
| 29 | | 固定敷设的低压电缆 | | | | | | | | | | |  | | | | 现场 |
| 30 | | 非固定敷设的低压电缆 | | | | | | | | | | |  | | | | 现场 |
| 31 | | 照明、通讯、信号和控制用的电缆 | | | | | | | | | | |  | | | | 现场 |
| 32 | | 井巷中的电缆 | | | | | | | | | | |  | | | | 现场 |
| 33 | | 电缆敷设要求 | | | | | | | | | | |  | | | | 现场 |
| 34 | | 电缆悬挂要求 | | | | | | | | | | |  | | | | 现场 |
| 35 | | 立井电缆接头 | | | | | | | | | | |  | | | | 现场 |
| 36 | | 电缆套管保护 | | | | | | | | | | |  | | | | 现场 |
| 37 | | 电缆的连接 | | | | | | | | | | |  | | | | 现场 |
| 38 | | 电气设备安全技术要求 | | | | | | | | | | |  | | | | 现场 |
| 39 | | 电磁启动 | | | | | | | | | | |  | | | | 现场 |
| 40 | | 联网功能 | | | | | | | | | | |  | | | | 现场 |
| 41 | | 真空馈电开关 | | | | | | | | | | |  | | | | 现场 |
| 42 | | 隔爆型真空馈电开关 | | | | | | | | | | |  | | | | 现场 |
| 43 | | 煤电钻变压器综合保护装置 | | | | | | | | | | |  | | | | 现场 |
| 44 | | 照明信号综合保护装置 | | | | | | | | | | |  | | | | 现场 |
| 45 | | 井下照明及信号 | | | | | | | | | | |  | | | | 现场 |
| 46 | | 照明电源 | | | | | | | | | | |  | | | | 现场 |
| 47 | | 电气信号要求 | | | | | | | | | | |  | | | | 现场 |
| 48 | | 井下照明和信号的配电装置 | | | | | | | | | | |  | | | | 现场 |
| 49 | | 井下电气设备保护接地 | | | | | | | | | | |  | | | | 现场 |
| 50 | | 保护接地要求 | | | | | | | | | | |  | | | | 现场 |
| 51 | | 总接地网 | | | | | | | | | | |  | | | | 现场 |
| 52 | | 局部接地极 | | | | | | | | | | |  | | | | 现场 |
| 53 | | 接地线截面 | | | | | | | | | | |  | | | | 现场 |
| 54 | | 橡套电缆的接地芯线 | | | | | | | | | | |  | | | | 现场 |
| 55 | | 局部通风机供电 | | | | | | | | | | |  | | | | 现场 |
| 56 | | 瓦斯、突出矿井的煤巷的备用局部通风机供电要求 | | | | | | | | | | |  | | | | 现场 |
| 57 | | 其他掘进工作面的局部通风机供电要求 | | | | | | | | | | |  | | | | 现场 |
| 58 | | 人工开启 | | | | | | | | | | |  | | | | 现场 |
| 35 | | 供电监控  矿井高压电网单相接地电容电流 | | | | 1 | | 单相接地电容电流 | | | | | | | | | | | NB/T 10180-2019 《矿井高压电网单相接地电容电流检验规范》  DL/T 308-2012《中性点不接地系统电容电流测试规程》  《煤矿安全规程》（2022） | | | |  | | | | 现场 |
| 36 | | 供电监控  电网谐波 | | | | 1 | | 电网谐波 | | | | | | | | | | | GB/T 14549-1993《电能质量 公用电网谐波》 | | | |  | | | | 现场 |
| 37 | | 供电监控  杂散电流 | | | | 1 | | 杂散电流 | | | | | | | | | | | MT/T 670-1997《煤矿井下牵引网络杂散电流防治技术规范》 | | | |  | | | | 现场 |
| 38 | | 煤矿人员位置监测系统 | | | | 1 | | 环境条件 | | | | | | | | | | | AQ1119-2023《煤矿井下人员定位系统通用技术条件》  《煤矿安全规程》（2022） | | | |  | | | | 现场/增项 |
| 2 | | 照明 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 噪声 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 接地条件 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | 供电电源 | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | 系统组成 | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | 监测功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 8 | | 管理功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 9 | | 存储和查询 | | | | | | | | | | |  | | | | 现场/增项 |
| 10 | | 显示功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 11 | | 打印功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 12 | | 人机对话功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 13 | | 自诊断功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 14 | | 双机切换功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 15 | | 备用电源功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 16 | | 网络通信功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 17 | | 系统自监视功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 18 | | 系统容错功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 19 | | 实时多任务功能 | | | | | | | | | | |  | | | | 现场/增项 |
| 20 | | 最大静态定位误差 | | | | | | | | | | |  | | | | 现场/增项 |
| 21 | | 最大动态定位误差 | | | | | | | | | | |  | | | | 现场/增项 |
| 22 | | 最大位移速度 | | | | | | | | | | |  | | | | 现场/增项 |
| 23 | | 并发识别数量 | | | | | | | | | | |  | | | | 现场/增项 |
| 24 | | 漏/误读率 | | | | | | | | | | |  | | | | 现场/增项 |
| 25 | | 最大传输距离 | | | | | | | | | | |  | | | | 现场/增项 |
| 26 | | 最大监控容量 | | | | | | | | | | |  | | | | 现场/增项 |
| 27 | | 最大巡检周期 | | | | | | | | | | |  | | | | 现场/增项 |
| 28 | | 误码率 | | | | | | | | | | |  | | | | 现场/增项 |
| 29 | | 存储时间 | | | | | | | | | | |  | | | | 现场/增项 |
| 30 | | 画面响应时间 | | | | | | | | | | |  | | | | 现场/增项 |
| 31 | | 双机切换时间 | | | | | | | | | | |  | | | | 现场/增项 |
| 32 | | 定位卡电池寿命 | | | | | | | | | | |  | | | | 现场/增项 |
| 33 | | 定位卡电池工作时间 | | | | | | | | | | |  | | | | 现场/增项 |
| 34 | | 备用电源工作时间 | | | | | | | | | | |  | | | | 现场/增项 |
| 35 | | 远程本安供电距离 | | | | | | | | | | |  | | | | 现场/增项 |
| 36 | | 便携式定位仪电池工作时间 | | | | | | | | | | |  | | | | 现场/增项 |
| 37 | | 传输性能 | | | | | | | | | | |  | | | | 现场/增项 |
| 38 | | 电源波动适应能力 | | | | | | | | | | |  | | | | 现场/增项 |
| 39 | | 工作稳定性 | | | | | | | | | | |  | | | | 现场/增项 |
| 40 | | 防爆性能 | | | | | | | | | | |  | | | | 现场/增项 |
| 1 | | 安装与维护 | | | | | | | | | | | AQ/T 1048-2007《煤矿井下作业人员管理系统使用与管理规范》  《煤矿安全规程》（2022） | | | |  | | | | 现场/增项 |
| 2 | | 中心站 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 技术资料 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 管理机构 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | 报废 | | | | | | | | | | |  | | | | 现场/增项 |
| 1 | | 一般要求 | | | | | | | | | | | MT/T1198-2023《煤矿井下人员位置监测系统使用与管理规范》  《煤矿安全规程》（2022） | | | |  | | | | 现场/增项 |
| 2 | | 定位分站和位置监测分站设置 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 中心站与技术资料 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 管理、维护与设备报废 | | | | | | | | | | |  | | | | 现场/增项 |
| 39 | | 煤矿安全监控系统 | | | | 1 | | 一般要求 | | | | | | | | | | | AQ6201-2019《煤矿安全监控系统通用技术要求》  MT/T772-1998《煤矿监控系统主要性能测试方法》  《煤矿安全规程》（2022） | | | |  | | | | 现场/增项 |
| 2 | | 环境条件 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 供电电源 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 系统组成 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | 硬件 | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | 软件 | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | 多网、多系统融合 | | | | | | | | | | |  | | | | 现场/增项 |
| 8 | | 数据采集 | | | | | | | | | | |  | | | | 现场/增项 |
| 9 | | 控制 | | | | | | | | | | |  | | | | 现场/增项 |
| 10 | | 调节 | | | | | | | | | | |  | | | | 现场/增项 |
| 11 | | 存储和查询 | | | | | | | | | | |  | | | | 现场/增项 |
| 12 | | 显示 | | | | | | | | | | |  | | | | 现场/增项 |
| 13 | | 打印 | | | | | | | | | | |  | | | | 现场/增项 |
| 14 | | 人机对话 | | | | | | | | | | |  | | | | 现场/增项 |
| 15 | | 自诊断 | | | | | | | | | | |  | | | | 现场/增项 |
| 16 | | 双机切换 | | | | | | | | | | |  | | | | 现场/增项 |
| 17 | | 备用电源 | | | | | | | | | | |  | | | | 现场/增项 |
| 18 | | 数据备份 | | | | | | | | | | |  | | | | 现场/增项 |
| 19 | | 模拟报警和断电 | | | | | | | | | | |  | | | | 现场/增项 |
| 20 | | 防雷 | | | | | | | | | | |  | | | | 现场/增项 |
| 21 | | 联网 | | | | | | | | | | |  | | | | 现场/增项 |
| 22 | | 软件自监视和容错 | | | | | | | | | | |  | | | | 现场/增项 |
| 23 | | 实时多任务 | | | | | | | | | | |  | | | | 现场/增项 |
| 24 | | 数据应用分析 | | | | | | | | | | |  | | | | 现场/增项 |
| 25 | | 操作管理 | | | | | | | | | | |  | | | | 现场/增项 |
| 26 | | 主菜单 | | | | | | | | | | |  | | | | 现场/增项 |
| 27 | | 分类查询 | | | | | | | | | | |  | | | | 现场/增项 |
| 28 | | 快捷方式 | | | | | | | | | | |  | | | | 现场/增项 |
| 28 | | 中文显示与打印 | | | | | | | | | | |  | | | | 现场/增项 |
| 30 | | 更改存储内容 | | | | | | | | | | |  | | | | 现场/增项 |
| 31 | | 模拟量数据表格显示 | | | | | | | | | | |  | | | | 现场/增项 |
| 32 | | 开关量状态表格显示 | | | | | | | | | | |  | | | | 现场/增项 |
| 33 | | 模拟量曲线显示 | | | | | | | | | | |  | | | | 现场/增项 |
| 34 | | 开关量状态与柱状图显示 | | | | | | | | | | |  | | | | 现场/增项 |
| 35 | | 报警 | | | | | | | | | | |  | | | | 现场/增项 |
| 36 | | 存储记录 | | | | | | | | | | |  | | | | 现场/增项 |
| 37 | | 打印 | | | | | | | | | | |  | | | | 现场/增项 |
| 38 | | 主要技术指标 | | | | | | | | | | |  | | | | 现场/增项 |
| 39 | | 传输性能 | | | | | | | | | | |  | | | | 现场/增项 |
| 40 | | 电源波动适应能力 | | | | | | | | | | |  | | | | 现场/增项 |
| 41 | | 工作稳定性 | | | | | | | | | | |  | | | | 现场/增项 |
| 42 | | 防爆性能 | | | | | | | | | | |  | | | | 现场/增项 |
| 1 | | 一般要求 | | | | | | | | | | | AQ1029-2019《煤矿安全监控系统及检测仪器使用管理规范》  《煤矿安全规程》（2022） | | | |  | | | | 现场/增项 |
| 2 | | 设计与安装 | | | | | | | | | | |  | | | | 现场/增项 |
| 3 | | 甲烷传感器的设置 | | | | | | | | | | |  | | | | 现场/增项 |
| 4 | | 其他传感器的设置 | | | | | | | | | | |  | | | | 现场/增项 |
| 5 | | 系统使用和维护 | | | | | | | | | | |  | | | | 现场/增项 |
| 6 | | 煤矿安全监控系统及联网信息处理 | | | | | | | | | | |  | | | | 现场/增项 |
| 7 | | 管理制度与技术资料 | | | | | | | | | | |  | | | | 现场/增项 |
| **（二）安全检测仪器仪表** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **23、环境检测仪器仪表** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | 煤矿用  携带型电化学式一氧化碳测定器 | | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | MT/T 703-2008《煤矿用携带型电化学式一氧化碳测定器》 | | | |  | | | |  |
| 2 | | 基本功能 | | | | | | | | | | |  | | | |  |
| 3 | | 电源及充电功能 | | | | | | | | | | |  | | | |  |
| 4 | | 基本误差和零点漂移 | | | | | | | | | | |  | | | |  |
| 5 | | 报警功能 | | | | | | | | | | |  | | | |  |
| 6 | | 响应时间 | | | | | | | | | | |  | | | |  |
| 41 | | 煤矿用  便携式载体催化甲烷检测报警仪 | | | | 1 | | 外观及结构检查（不拆检） | | | | | | | | | | | AQ6207-2007《便携式载体催化甲烷检测报警仪》 | | | |  | | | |  |
| 2 | | 基本功能检查 | | | | | | | | | | |  | | | |  |
| 3 | | 电源及充电检查 | | | | | | | | | | |  | | | |  |
| 4 | | 显示值稳定性测定 | | | | | | | | | | |  | | | |  |
| 5 | | 基本误差测定 | | | | | | | | | | |  | | | |  |
| 6 | | 响应时间测定 | | | | | | | | | | |  | | | |  |
| 7 | | 报警功能试验 | | | | | | | | | | |  | | | |  |
| 42 | | 煤矿用  光干涉式甲烷测定器 | | | | 1 | | 外观检查（不拆检） | | | | | | | | | | | MT/T 28-2005《光干涉式甲烷测定器》 | | | |  | | | |  |
| 2 | | 干涉条纹检查 | | | | | | | | | | |  | | | |  |
| 3 | | 基本误差测定 | | | | | | | | | | |  | | | |  |
| 4 | | 气密性试验 | | | | | | | | | | |  | | | |  |
| 5 | | 自由跌落试验 | | | | | | | | | | |  | | | |  |
| 43 | | 煤矿用  携带型电化学式氧气测定器 | | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | MT/T 704-2008《煤矿用携带型电化学式氧气测定器》 | | | |  | | | |  |
| 2 | | 电源及充电功能 | | | | | | | | | | |  | | | |  |
| 3 | | 基本误差和零点漂移 | | | | | | | | | | |  | | | |  |
| 4 | | 响应时间 | | | | | | | | | | |  | | | |  |
| 5 | | 报警功能 | | | | | | | | | | |  | | | |  |
| 44 | | 煤矿用  低浓度载体催化式甲烷传感器 | | | | 1 | | 外观及结构检查（不拆检） | | | | | | | | | | | AQ 6203-2006《煤矿用低浓度载体催化式甲烷传感器》 | | | |  | | | |  |
| 2 | | 遥控调校功能测试 | | | | | | | | | | |  | | | |  |
| 3 | | 显示值稳定性测定 | | | | | | | | | | |  | | | |  |
| 4 | | 基本误差测定 | | | | | | | | | | |  | | | |  |
| 5 | | 工作电压范围测试 | | | | | | | | | | |  | | | |  |
| 6 | | 传输距离试验 | | | | | | | | | | |  | | | |  |
| 7 | | 响应时间测定 | | | | | | | | | | |  | | | |  |
| 8 | | 报警功能试验 | | | | | | | | | | |  | | | |  |
| 9 | | 绝缘电阻检测 | | | | | | | | | | | 只检新设备常态 | | | |  |
| 45 | | 煤矿用  高低浓度甲烷传感器 | | | | 1 | | 外观及结构检查（不拆检） | | | | | | | | | | | AQ 6206-2006《煤矿用高低浓度甲烷传感器》 | | | |  | | | |  |
| 2 | | 遥控调校功能测试 | | | | | | | | | | |  | | | |  |
| 3 | | 显示值稳定性测定 | | | | | | | | | | |  | | | |  |
| 4 | | 基本误差测定 | | | | | | | | | | |  | | | |  |
| 5 | | 工作电压范围测试 | | | | | | | | | | |  | | | |  |
| 6 | | 传输距离试验 | | | | | | | | | | |  | | | |  |
| 7 | | 响应时间测定 | | | | | | | | | | |  | | | |  |
| 8 | | 报警功能试验 | | | | | | | | | | |  | | | |  |
| 9 | | 绝缘电阻试验 | | | | | | | | | | | 只检新设备常态 | | | |  |
| 46 | | 煤矿用  瓦斯抽放用热导式高浓度甲烷传感器 | | | | 1 | | 外观及结构检查（不拆检） | | | | | | | | | | | AQ 6204-2006《瓦斯抽放用热导式高浓度甲烷传感器》 | | | |  | | | |  |
| 2 | | 遥控调校功能测试 | | | | | | | | | | |  | | | |  |
| 3 | | 显示值稳定性试验 | | | | | | | | | | |  | | | |  |
| 4 | | 基本误差试验 | | | | | | | | | | |  | | | |  |
| 5 | | 工作电压范围试验 | | | | | | | | | | |  | | | |  |
| 6 | | 传输距离试验 | | | | | | | | | | |  | | | |  |
| 7 | | 响应时间试验 | | | | | | | | | | |  | | | |  |
| 8 | | 报警功能试验 | | | | | | | | | | |  | | | |  |
| 9 | | 绝缘电阻试验 | | | | | | | | | | | 只检新设备常态 | | | |  |
| 47 | | 煤矿用  非色散红外甲烷传感器 | | | | 1 | | 外观、结构及气室防护检查（不拆检） | | | | | | | | | | | KA/T 6211-2008《煤矿用非色散红外甲烷传感器》 | | | |  | | | |  |
| 2 | | 最小分辨率检查 | | | | | | | | | | |  | | | |  |
| 3 | | 显示值稳定性测定 | | | | | | | | | | |  | | | |  |
| 4 | | 基本误差测定 | | | | | | | | | | |  | | | |  |
| 5 | | 传输距离试验 | | | | | | | | | | |  | | | |  |
| 6 | | 响应时间测定 | | | | | | | | | | |  | | | |  |
| 7 | | 报警功能试验 | | | | | | | | | | |  | | | |  |
| 8 | | 绝缘电阻检测 | | | | | | | | | | | 只检新设备常态 | | | |  |
| 48 | | 煤矿用  电化学式一氧化碳传感器 | | | | 1 | | 外观与结构检查（不拆检） | | | | | | | | | | | AQ 6205-2006《煤矿用电化学式一氧化碳传感器》 | | | |  | | | |  |
| 2 | | 断电保护措施测试 | | | | | | | | | | |  | | | |  |
| 3 | | 遥控调校功能测试 | | | | | | | | | | |  | | | |  |
| 4 | | 显示值稳定性测定 | | | | | | | | | | |  | | | |  |
| 5 | | 基本误差测定 | | | | | | | | | | |  | | | |  |
| 6 | | 工作电压范围测试 | | | | | | | | | | |  | | | |  |
| 7 | | 传输距离试验 | | | | | | | | | | |  | | | |  |
| 8 | | 响应时间测定 | | | | | | | | | | |  | | | |  |
| 9 | | 报警功能试验 | | | | | | | | | | |  | | | |  |
| 10 | | 绝缘电阻检测 | | | | | | | | | | | 只检新设备常态 | | | |  |
| 49 | | 煤矿用  电化学式氧气传感器 | | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | MT 447-1995《煤矿用电化学式氧气传感器技术条件》 | | | |  | | | |  |
| 2 | | 基本误差 | | | | | | | | | | |  | | | |  |
| 3 | | 负载能力 | | | | | | | | | | |  | | | |  |
| 4 | | 响应时间 | | | | | | | | | | |  | | | |  |
| 5 | | 警报功能 | | | | | | | | | | |  | | | |  |
| 50 | | 煤矿用  二氧化碳传感器 | | | | 1 | | 外观及结构要求（不拆检） | | | | | | | | | | | AQ 1052-2008《矿用二氧化碳传感器通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 遥控器调校功能 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 显示值稳定性 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 基本误差 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 工作电压范围 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 响应时间 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 报警功能 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 51 | | 煤矿用  温度传感器 | | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | MT/T 381-2007《煤矿用温度传感器通用技术条件》 | | | |  | | | |  |
| 2 | | 基本误差 | | | | | | | | | | |  | | | |  |
| 3 | | 工作电压 | | | | | | | | | | |  | | | |  |
| 4 | | 工作电流 | | | | | | | | | | |  | | | |  |
| 5 | | 传输距离 | | | | | | | | | | |  | | | |  |
| 6 | | 响应时间 | | | | | | | | | | |  | | | |  |
| 7 | | 绝缘电阻测量 | | | | | | | | | | | 只检新设备常态 | | | |  |
| 52 | | 煤矿用  风速表 | | | | 1 | | 外观和运动零、部件（不拆检） | | | | | | | | | | | MT/T 380-2007《煤矿用风速表》 | | | |  | | | | 增项 |
| 2 | | 起动风速 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 风速测量范围及误差 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 计时误差 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 连续工作时间 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 风量误差 | | | | | | | | | | |  | | | | 增项 |
| 53 | | 煤矿用  风速传感器 | | | | 1 | | 外壳结构（不拆检） | | | | | | | | | | | MT/T 448-2008《矿用风速传感器》 | | | |  | | | | 增项 |
| 2 | | 基本误差 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 工作电压范围 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 传输距离 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 54 | | 煤矿用  管道瓦斯抽放多参数传感器 | | | | 1 | | 外观 | | | | | | | | | | | MT/T 642-1996《管道瓦斯抽放综合参数测定仪技术条件》 | | | |  | | | | 增项 |
| 2 | | 基本误差 | | | | 流量装置 | | | | | | |  | | | | 增项 |
| 相对差压 | | | | | | |  | | | | 增项 |
| 温度 | | | | | | |  | | | | 增项 |
| 55 | | WTC瓦斯突出参数测试仪 | | | | 1 | | 外观及结构 | | | | | | | | | | | MT/T 393-1995 《矿用差压传感器通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 基本误差 | | | | | | | | | | |  | | | | 增项 |
| 56 | | 煤矿用  直读式粉尘浓度测量仪 | | | | 1 | | 一般要求 | | | | | | | | | | | GB/T 20964-2007《粉尘采样器》  MT/T 163-2019《直读式粉尘浓度测量仪通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 外观与结构（不拆检） | | | | | | | | | | |  | | | | 增项 |
| 3 | | 电源及充电功能 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 测量范围 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 测量相对误差 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 稳定性相对误差 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 采样流量 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 采样流量误差 | | | | | | | | | | |  | | | | 增项 |
| 9 | | 采样流量稳定性 | | | | | | | | | | |  | | | | 增项 |
| 10 | | 采样时间误差 | | | | | | | | | | |  | | | | 增项 |
| 11 | | 连续工作时间 | | | | | | | | | | |  | | | | 增项 |
| 12 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 13 | | 绝缘强度 | | | | | | | | | | |  | | | | 增项 |
| 57 | | 煤矿用  粉尘采样器 | | | | 1 | | 外观与结构（不拆检） | | | | | | | | | | | GB/T20964-2007《粉尘采样器》 | | | |  | | | | 增项 |
| 2 | | 采样流量 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 采样流量误差 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 采样流量稳定性 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 负载能力 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 连续工作时间 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 工作噪声 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 采样头气密性 | | | | | | | | | | |  | | | | 增项 |
| 9 | | 流量计准确度 | | | | | | | | | | |  | | | | 增项 |
| 10 | | 采样时间误差 | | | | | | | | | | |  | | | | 增项 |
| 11 | | 采样体积显示误差 | | | | | | | | | | |  | | | | 增项 |
| 12 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 13 | | 绝缘强度 | | | | | | | | | | |  | | | | 增项 |
| 14 | | 采样口流速 | | | | | | | | | | |  | | | | 增项 |
| 15 | | 采样准确度 | | | | | | | | | | |  | | | | 增项 |
| 58 | | 煤矿用  粉尘浓度传感器 | | | | 1 | | 外观与结构（不拆检） | | | | | | | | | | | GB/T 20964-2007《粉尘采样器》  MT/T1102-2009《煤矿用粉尘浓度传感器》 | | | |  | | | | 增项 |
| 2 | | 零位稳定性 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 基本误差 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 传输距离 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 最大启动电流 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 最大工作电流 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 工作噪声 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 59 | | 煤矿用  差压传感器 | | | | 1 | | 基本误差 | | | | | | | | | | | MT/T 393-1995 《矿用差压传感器通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 传输距离 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 重复性 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 回程误差 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 密封性 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 过载性能 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 电源波动性 | | | | | | | | | | |  | | | | 增项 |
| 60 | | 煤矿用  烟雾传感器 | | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | MT/T 382-2011 《矿用烟雾传感器通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 主要技术参数（灵敏度  和响应时间） | | | | | | | | | | |  | | | | 增项 |
| 3 | | 传输距离 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 61 | | 煤矿用  硫化氢检测报警仪 | | | | 1 | | 外观结构检查（不拆检） | | | | | | | | | | | MT/T 1084-2008《煤矿用硫化氢检测报警仪》 | | | |  | | | | 增项 |
| 2 | | 充电功能检查 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 基本误差试验 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 报警误差试验 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 声级强度试验 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 光信号观测 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 响应时间试验 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 工作位置变动试验 | | | | | | | | | | |  | | | | 增项 |
| 62 | | 煤矿用  硫化氢传感器 | | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | MT/T 1084-2008《煤矿用硫化氢检测报警仪》 | | | |  | | | | 增项 |
| 2 | | 基本误差试验 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 报警性能试验 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 响应时间试验 | | | | | | | | | | |  | | | | 增项 |
| 63 | | 煤矿用  水位传感器 | | | | 1 | | 结构 | | | | | | | | | | | MT/T 825-1999 《矿用水位传感器通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 外观质量 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 工作电压 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 最大工作电流 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 报警方式 | | | | | | | | | | |  | | | | 增项 |
| 64 | | 煤矿用  气体检测报警仪 | | | | 1 | | 外观及结构检查 | | | | | | | | | | | GB 12358-2024《作业场所环境气体检测报警仪通用技术要求》 | | | | 只检煤矿用氮氧化物气体检测报警仪 | | | | 增项 |
| 2 | | 示值误差 | | | | | | | | | | | 增项 |
| 3 | | 仪器漂移 | | | | | | | | | | | 增项 |
| 4 | | 报警误差 | | | | | | | | | | | 增项 |
| 5 | | 响应时间 | | | | | | | | | | | 增项 |
| 65 | | 煤矿用  位移传感器 | | | | 1 | | 外观及结构检查 | | | | | | | | | | | MT/T 1109-2011《矿用位移传感器通用技术条件》 | | | |  | | | | 增项 |
| 2 | | 位移力 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 基本误差 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 重复性 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 回程误差 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 报警功能 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 传输距离 | | | | | | | | | | |  | | | | 增项 |
| 66 | | 煤矿用  开停传感器 | | | | 1 | | 外观质量 | | | | | | | | | | | MT/T 647-1997 《煤矿用设备开停传感器》 | | | |  | | | | 增项 |
| 2 | | 绝缘电阻 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 工频耐压 | | | | | | | | | | | 只测常态 | | | | 增项 |
| 4 | | 动作值 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 响应时间 | | | | | | | | | | |  | | | | 增项 |
| 67 | | 煤矿用  车载甲烷断电仪 | | | | 1 | | 外观及结构要求 | | | | | | | | | | | MT/T 1101-2009《矿用车载甲烷断电仪》 | | | |  | | | | 增项 |
| 2 | | 基本功能要求 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 基本误差 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 传输距离 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 控制执行时间 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 报警功能试验 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 报警点、断电点测试 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 解锁点测试 | | | | | | | | | | |  | | | | 增项 |
| 9 | | 备用电源功能 | | | | | | | | | | |  | | | | 增项 |
| 68 | | 煤矿用  固定式甲烷断电仪 | | | | 1 | | 主机外观及结构检查 | | | | | | | | | | | AQ6208-2007《煤矿用固定式甲烷断电仪》 | | | |  | | | | 增项 |
| 2 | | 显示功能 | | | | | | | | | | |  | | | | 增项 |
| 3 | | 报警声级强度 | | | | | | | | | | |  | | | | 增项 |
| 4 | | 闭锁功能 | | | | | | | | | | |  | | | | 增项 |
| 5 | | 人工解锁功能 | | | | | | | | | | |  | | | | 增项 |
| 6 | | 自动解锁功能 | | | | | | | | | | |  | | | | 增项 |
| 7 | | 备用电源功能 | | | | | | | | | | |  | | | | 增项 |
| 8 | | 最大传输距离 | | | | | | | | | | |  | | | | 增项 |
| 9 | | 电源波动适应性 | | | | | | | | | | |  | | | | 增项 |
| 10 | | 信号处理误差 | | | | | | | | | | |  | | | | 增项 |
| 11 | | 控制执行时间 | | | | | | | | | | |  | | | | 增项 |
| **三、“一通三防”及水害防治设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）通风机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **29、主要通风机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | 煤矿在用主通风机 | | | | 1 | | 基本要求 | | | | | | | | | | | MT/T1205-2023《煤矿在用产品安全检测检验规范 主要通风机系统》 | | | |  | | | | 现场 |
| 2 | | 资料 | | | | | | | | | | |  | | | | 现场 |
| 3 | | 外观及结构 | | | | | | | | | | |  | | | | 现场 |
| 4 | | 安装及配置 | | | | | | | | | | |  | | | | 现场 |
| 5 | | 喘振 | | | | | | | | | | |  | | | | 现场 |
| 6 | | 风量、压力 | | | | | | | | | | |  | | | | 现场 |
| 7 | | 通风机运行效率 | | | | | | | | | | |  | | | | 现场 |
| 8 | | 电动机运行功率 | | | | | | | | | | |  | | | | 现场 |
| 9 | | 噪声 | | | | | | | | | | |  | | | | 现场 |
| 10 | | 振动速度有效值 | | | | | | | | | | |  | | | | 现场 |
| 11 | | 电动机轴承、定子温度 | | | | | | | | | | |  | | | | 现场 |
| 12 | | 电动机冷态绝缘电阻 | | | | | | | | | | |  | | | | 现场 |
| 13 | | 接地电阻值 | | | | | | | | | | |  | | | | 现场 |
| 14 | | 叶片与机壳(或保护圈)的间隙值 | | | | | | | | | | |  | | | | 现场 |
| 70 | | 主通风机主轴 | | | | 1 | | 缺陷检测 | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | | | |  | | | | 现场 |
| 2 | | 缺陷尺寸 | | | | | | | | | | |  | | | | 现场 |
| 71 | | 主通风机叶片 | | | | 1 | | 表面缺陷检测 | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | | | |  | | | | 现场 |
| **30、局部通风机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | 煤矿用局部通风机 | | | | 1 | | 外观质量 | | | | | | | | | | | GB/T10178-2006《工业通风机 现场性能试验》  MT/T 222-2019《煤矿用局部通风机技术条件》 | | | | 只检6.1.9、6.3.4 | | | | 现场 |
| 2 | | 安全结构和措施检查 | | | | | | | | | | |  | | | | 现场 |
| 3 | | 安全证件审查 | | | | | | | | | | | 只检安标证书、防爆合格证、摩擦火花合格证审查 | | | | 现场 |
| 4 | | 电动机绕组冷态绝缘电阻 | | | | | | | | | | |  | | | | 现场 |
| 5 | | 抽出式通风机的隔流腔压差 | | | | | | | | | | |  | | | | 现场 |
| 6 | | 电动机最大输出功率 | | | | | | | | | | | 只检运行工况点 | | | | 现场 |
| 7 | | 压入式（抽出式）通风机叶轮间隙 | | | | | | | | | | |  | | | | 现场 |
| 8 | | 机械运转试验 | | | | | | | | | | |  | | | | 现场 |
| 9 | | 通风机流量 | | | | | | | | | | | 只按GB/T10178-2006检运行工况点 | | | | 现场 |
| 10 | | 压力或静压 | | | | | | | | | | | 只按GB/T10178-2006检运行工况点 | | | | 现场 |
| 11 | | 噪声 | | | | | | | | | | | 只检运行工况点 | | | | 现场 |
| 12 | | 振动速度有效值 | | | | | | | | | | |  | | | | 现场 |
| 73 | | 矿井局部通风机 | | | | 1 | | 外观质量 | | | | | | | | | | | GB/T10178-2006《工业通风机 现场性能试验》  JB/T9100-2014《矿井局部通风机 技术条件》 | | | | 只检4.2.6、4.2.7、4.2.8、7.1.1 | | | | 现场 |
| 2 | | 机械运转试验 | | | | | | | | | | |  | | | | 现场 |
| 3 | | 电动机绕组冷态绝缘电阻 | | | | | | | | | | |  | | | | 现场 |
| 4 | | 压入式（抽出式）通风机间隙 | | | | | | | | | | |  | | | | 现场 |
| 5 | | 振动速度有效值 | | | | | | | | | | |  | | | | 现场 |
| 6 | | 电动机最大输出功率 | | | | | | | | | | | 只检运行工况点 | | | | 现场 |
| 7 | | 噪声 | | | | | | | | | | | 只检运行工况点 | | | | 现场 |
| 8 | | 通风机流量 | | | | | | | | | | | 只按GB/T10178-2006检运行工况点 | | | | 现场 |
| 9 | | 通风机压力或静压 | | | | | | | | | | | 只按GB/T10178-2006检运行工况点 | | | | 现场 |
| **（三）瓦斯抽采、防治设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **33、瓦斯抽放泵站（含真空泵）** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | 煤矿用瓦斯抽放设备（水环真空泵） | | | | 1 | | 证书审查 | | | | | | | | | | | GB/T13929-2024《水环真空泵和水环压缩机试验方法》  GB50471-2018《煤矿瓦斯抽采工程设计标准》  AQ1027-2006《煤矿瓦斯抽放规范》  JB/T7255-2020《水环真空泵和水环压缩机》  《煤矿安全规程》（2022） | | | |  | | | | 现场 |
| 2 | | 环境条件 | | | | | | | | | | |  | | | | 现场 |
| 3 | | 设备、安全设施及措施 | | | | | | | | | | |  | | | | 现场 |
| 4 | | 极限真空度 | | | | | | | | | | |  | | | | 现场 |
| 5 | | 工作噪声 | | | | | | | | | | |  | | | | 现场 |
| 6 | | 机械振动 | | | | | | | | | | |  | | | | 现场 |
| 7 | | 监控 | | | | | | | | | | |  | | | | 现场 |
| 8 | | 停水断电功能 | | | | | | | | | | |  | | | | 现场 |
| 75 | | 煤矿在用瓦斯抽采系统 | | | | 1 | | 抽采泵站 | | | 安全装置证件审查 | | | | | | | | NB/T 51044-2015《煤矿在用瓦斯抽采系统主要技术指标检测检  验规范》 | | | | 不检  4.1.1a）、4.1.2、  4.1.3 c）、  4.1.3 d） | | | | 现场 |
| 泵站冷却供水要求 | | | | | | | |
| 地面永久泵站周围环境安全距离 | | | | | | | |
| 地面永久泵站附近管道上应设置的附属装置 | | | | | | | |
| 图纸、技术资料 | | | | | | | |
| 2 | | 抽采设备 | | | 泵的能力要求 | | | | | | | | 不检  4.2.3b）、4.2.3g）、4.2.3k）、 | | | | 现场 |
| 备用泵及附属设备要求 | | | | | | | |
| 泵的工作状态及性能参数 | | | | | | | |
| 泵站设备证件审查 | | | | | | | |
| 选用设备防爆性要求 | | | | | | | |
| 电机绝缘电阻 | | | | | | | |
| 3 | | 抽采管路 | | | 管网能力 | | | | | | | |  | | | | 现场 |
| 管路敷设 | | | | | | | |
| 管路安全防护措施 | | | | | | | |
| 地面管路采用架空敷设的管道接地电阻 | | | | | | | |
| 非金属管路的管材要求 | | | | | | | |
| 管路应设置的装置 | | | | | | | |
| 4 | | 监测监控 | | | 自动监控系统要求 | | | | | | | |  | | | | 现场 |
| 泵运转时应监测的参数 | | | | | | | |
| 传感器设置要求 | | | | | | | |
| 检测监控的仪器仪表检定要求 | | | | | | | |
| 76 | | 煤矿用瓦斯抽放设备（水环真空泵）主轴 | | | | 1 | | 缺陷检测 | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | | | |  | | | | 现场/增项 |
| 2 | | 缺陷尺寸 | | | | | | | | | | |  | | | | 现场/增项 |
| **（四）排水设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **36、潜水泵** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | 煤矿用  隔爆型潜水电泵 | | | 1 | | 证件检查 | | | | | | | | | | | | MT/T671-2005《煤矿用隔爆型潜水电泵》 | |  | | | | 现场 | |
| 2 | | 保护装置检查 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 接地标志的检查 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 电泵电缆长度检验 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 电泵的起动 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 电泵的输入功率 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 电泵的扬程 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 电泵的流量 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 电泵效率 | | | | | | | | | | | |  | | | | 现场 | |
| 78 | | | 煤矿用  潜水电泵  （单泵） | | | 1 | | 流量 | | | | | | | | | | | | GB/T12785-2014《潜水电泵试验方法》  MT/T 1204-2023 《煤矿在用产品安全检测检验规范 主排水系统》 | |  | | | | 现场/增项 | |
| 2 | | 电动机输入电流 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 79 | | | 煤矿用  潜水电泵排水系统（抗灾排水系统） | | | 1 | | 排水设备的选择 | | | | | | | | | | | | GB/T50541-2017《煤矿井下排水站及排水管路设计规范》 | |  | | | | 现场 | |
| 2 | | 排水设备的能力 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 排水系统供电电源 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 排水系统设备的启动 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 排水系统的控制 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 通讯 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 证件 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 电泵的保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 80 | | | 煤矿用  主排水系统 | | | 1 | | 一般  要求 | | | | | | | 证件 | | | | | MT/T 1204-2023 《煤矿在用产品安全检测检验规范 主排水系统》 | |  | | | | 现场 | |
| 淘汰及禁止使用要求 | | | | |  | | | | 现场 | |
| 2 | | 文件资料 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 系统配置与安装 | | | | | 排水能力 | | | | | | |  | | | | 现场 | |
| 水仓 | | | | | | |  | | | | 现场 | |
| 主排水泵房供电线路 | | | | | | |  | | | | 现场 | |
| 旋转部件的防护 | | | | | | |  | | | | 现场 | |
| 防水锤装置 | | | | | | |  | | | | 现场 | |
| 主排水泵房出口 | | | | | | |  | | | | 现场 | |
| 连接通道 | | | | | | |  | | | | 现场 | |
| 泵房人员值守 | | | | | | |  | | | | 现场 | |
| 4 | | 主排水泵 | | | | | 标识牌 | | | | | | |  | | | | 现场 | |
| 单泵启动时间 | | | | | | |  | | | | 现场 | |
| 泵工况点效率 | | | | | | |  | | | | 现场 | |
| 电机输入功率 | | | | | | |  | | | | 现场 | |
| 吨水百米电耗 | | | | | | |  | | | | 现场 | |
| 振动 | | | | | | |  | | | | 现场 | |
| 噪声 | | | | | | |  | | | | 现场 | |
| 水泵工业利用区 | | | | | | |  | | | | 现场 | |
| 5 | | 接地电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 81 | | | 煤矿用  水泵及电机主轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **四、提升、运输、起重设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）提升设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **40、绞车、提升机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | 煤矿用  提升绞车系统 | | | 1 | | 一般要求 | | | | | | | | | | | | MT/T 1206-2023《煤矿在用产品安全检测检验规范 提升绞车系统》 | |  | | | | 现场 | |
| 2 | | 文件资料 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 机房或硐室 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 井架、井口及井底 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 提升装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 电气安全性能 | | | | | | | | | | | |  | | | | 现场 | |
| 83 | | | 煤矿用  摩擦式提升机系统 | | | 1 | | 一般要求 | | | | | | | | | | | | MT/T 1208-2023《煤矿在用产品安全检测检验规范 摩擦式提升机系统》 | |  | | | | 现场 | |
| 2 | | 文件资料 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 机房或硐室 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 井架、井口及井底 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 提升装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 电气安全性能 | | | | | | | | | | | |  | | | | 现场 | |
| 84 | | | 煤矿用  缠绕式提升机系统 | | | 1 | | 一般要求 | | | | | | | | | | | | MT/T 1207-2023《煤矿在用产品安全检测检验规范 缠绕式提升机系统》 | |  | | | | 现场 | |
| 2 | | 文件资料 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 机房或硐室 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 井架、井口及井底 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 提升装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 电气安全系统 | | | | | | | | | | | |  | | | | 现场 | |
| 85 | | | 煤矿用  辅助绞车 | | | 1 | | 照明装置 | | | | | | | | | | | | GB 20180-2006《矿用辅助绞车安全要求》 | |  | | | | 现场 | |
| 2 | | 操作位置要求 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 运转情况 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 密封性能 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 主轴和卷筒缺陷 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 挡绳板边缘高度 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 钢丝绳在滚筒上固定情况 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 总停开关 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 工作制动器及安全制动器 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 接触面积 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 闸瓦(带)与制动轮完好性及表面检查 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 闸瓦(带)表面距固定螺栓头或铆钉头端部距离 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 制动力矩 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 操纵机构 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 手动操纵机构手把上的作用力 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 气动绞车的脚踏操纵力 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 气动绞车手柄(脚踏板)移动行程 | | | | | | | | | | | |  | | | | 现场 | |
| 19 | | 防护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 20 | | 深度指示器 | | | | | | | | | | | |  | | | | 现场 | |
| 21 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 86 | | | 煤矿用  调度绞车 | | | 1 | | 外观质量检查 | | | | | | | | | | | | GB/T 15113-2017《调度绞车》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 安全保护性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 87 | | | 煤矿用  无极绳绞车 | | | 1 | | 制造与装配 | | | | | | | | | | | | AQ1037-2007《煤矿用无极绳绞车安全检验规范》 | |  | | | | 现场 | |
| 2 | | 外观质量 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 安全防护 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 使用性能 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 制动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 隔爆型绞车用制动闸瓦摩擦性能 | | | | | | | | | | | | 不检摩擦性能 | | | | 现场 | |
| 7 | | 密封性检查 | | | | | | | | | | | |  | | | | 现场 | |
| 88 | | | 煤矿用  无极绳调速机械绞车 | | | 1 | | 制造与装配 | | | | | | | | | | | | AQ1041-2007《煤矿用无极绳调速机械绞车安全检验规范》 | |  | | | | 现场 | |
| 2 | | 操纵性能 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 使用性能 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 制动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 隔爆型绞车用制动闸瓦摩擦性能 | | | | | | | | | | | | 不检摩擦性能 | | | | 现场 | |
| 6 | | 轮衬摩擦系数 | | | | | | | | | | | | 不检摩擦系数 | | | | 现场 | |
| 7 | | 安全防护 | | | | | | | | | | | |  | | | | 现场 | |
| 89 | | | 煤矿用  运输绞车 | | | 1 | | 外观质量 | | | | | | | | | | | | JB/T9028-2012《运输绞车》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 深度指示器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 安全防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 制动性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 90 | | | 煤矿用  双速多用绞车 | | | 1 | | 外观质量 | | | | | | | | | | | | MT/T952-2005《双速多用绞车》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 负载试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 超负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 基本参数 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 安全保护性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 91 | | | 煤矿用  无极绳连续牵引车 | | | 1 | | 环境温湿度 | | | | | | | | | | | | MT/T 988-2006《无极绳连续牵引车》 | |  | | | | 现场 | |
| 2 | | 配套电气设备安全标志证书 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 钢丝绳安全系数 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 插接长度 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 通讯系统 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 整机运行平稳性及旋转部件 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 牵引速度 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 绞车主轴承温度和减速机表面最高温度 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 机械变速绞车换挡机构和紧固件 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 制动闸工作状况、传动装置和轴承 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 减速器密封性 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 张紧装置 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 梭车 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 主压绳轮组（开闭式） | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 绞车外露旋转部件 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 制动闸配置 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 紧急制动闸结构及工作状况 | | | | | | | | | | | |  | | | | 现场 | |
| 19 | | 制动闸接触面积 | | | | | | | | | | | |  | | | | 现场 | |
| 20 | | 机械变速绞车停车状态换挡 | | | | | | | | | | | |  | | | | 现场 | |
| 21 | | 滚筒绳衬直径与钢丝绳直径之比 | | | | | | | | | | | |  | | | | 现场 | |
| 22 | | 张紧装置配重防护 | | | | | | | | | | | |  | | | | 现场 | |
| 23 | | 钢丝绳在梭车上的固定方式 | | | | | | | | | | | |  | | | | 现场 | |
| 24 | | 配套电气设备保护 | | | | | | | | | | | |  | | | | 现场 | |
| 92 | | | 煤矿用  耙矿绞车 | | | 1 | | 操纵力 | | | | | | | | | | | | AQ 1039-2007《煤矿用耙矿绞车安全检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 结构要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 安全防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 93 | | | 提升机（绞车）主轴、  天轮轴、  导向轮轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| 94 | | | 提升机（绞车）楔形连接 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 1 | | 表面缺陷检测 | | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | |  | | | | 现场/增项 | |
| 95 | | | 提升机（绞车）钢丝绳连接装置 | | | 1 | | 二倍最大静荷重试验 | | | | | | | | | | | | 《煤矿安全规程》（2022）第四百一十六条 第（七）款 | |  | | | | 现场/增项 | |
| **41、矿用钢丝绳** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | 煤矿用  钢丝绳 | | | 1 | | 在线无损检测 | | | | | | | | | | | | MT/T 970-2005《钢丝绳(缆)在线无损定量检测方法和判定规则》  《煤矿安全规程》（2022） | |  | | | | 现场/增项 | |
| **42、提升容器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | 煤矿用  罐笼 | | | 1 | | 标志、证书检查 | | | | | | | | | | | | GB16542-2010 《罐笼安全技术要求》 | |  | | | | 现场/增项 | |
| 2 | | 罐体顶部的检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 罐笼内尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 罐笼内扶手 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 罐笼门 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 罐体内阻车器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 罐笼顶盖及人孔 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 罐底轨道 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 导向装置与罐道之间的间隙 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 98 | | | 矿用  提升容器重要承载件 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| **44、安全保护装置** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | 煤矿用  防坠器 | | | 1 | | 检查性检验 | | | | | | | | | | | | NB/T10050-2018 《煤矿在用竖井提升系统防坠器检测检验规范》 | |  | | | | 现场 | |
| 2 | | 不脱钩试验 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 空载脱钩试验 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 重载脱钩试验 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 脱钩试验后的恢复检查 | | | | | | | | | | | |  | | | | 现场 | |
| 100 | | | 煤矿用  跑车防护装置 | | | 1 | | 组成及设计检查 | | | | | | | | | | | | GB43068-2023《煤矿用跑车防护装置安全技术要求》 | |  | | | | 现场/增项 | |
| 2 | | 装置总装检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 功能检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 监控传感器灵敏度试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 钢丝绳检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 挡车栏荧光标志检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 收放机构负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 安装使用说明书检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 标牌检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 101 | | | 防过卷过放缓冲装置 | | | 1 | | 过卷和过放距离 | | | | | | | | | | | | 《煤矿安全规程》（2022）第四百零七条 | |  | | | | 现场/增项 | |
| 2 | | 缓冲装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 周围环境 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 检查和保养 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **45、人车** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | | | 煤矿用  斜井人车 | | | 1 | | 车体 | | | | | | | | | | | | AQ2028-2010 《矿山在用斜井人车安全性能检验规范》 | |  | | | | 现场 | |
| 2 | | 开动机构 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 联接装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 缓冲装置 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 平道闭锁装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 制动装置 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 行走部分 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 静止落闸试验 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 空行程时间 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 实际最大运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 全速落闸试验 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 全速落闸试验后的要求 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 运行稳定性 | | | | | | | | | | | |  | | | | 现场 | |
| 103 | | | 煤矿用  平巷人车 | | | 1 | | 人车结构和外形尺寸 | | | | | | | | | | | | JB/T5495-1991《平巷人车》  MT389-2007《煤矿用平巷人车技术条件》 | |  | | | | 现场/增项 | |
| 2 | | 焊缝的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 铆接的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 轮对基本参数和性能检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 弹簧检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 转向器的转向角度检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 牵引中心线及车厢纵向中心面对车架纵向中心面对称度的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 轮轨间隙的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 涂漆质量的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 车厢偏摆的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 104 | | | 煤矿用  斜井（平巷）人车连接装置 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 1 | | 表面缺陷检测 | | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | |  | | | | 现场/增项 | |
| 1 | | 二倍最大静荷重试验 | | | | | | | | | | | | 《煤矿安全规程》（2022）第四百一十六条 第（七）、（八）款 | |  | | | | 现场/增项 | |
| 105 | | | 煤矿用  卡轨人车 | | | 1 | | 车厢 | | | | | | | | | | | | NB/T 11537-2024《煤矿在用卡轨人车检测检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 开动机构和限速装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 联接装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 卡轨装置和制动装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 平道闭锁装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 信号装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 静止落闸试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 空行程时间 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 实际最大运行速度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 全速落闸试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 运行稳定性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 制动力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 液压系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 106 | | | 煤矿用  卡轨人车联接杆、销轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **46、矿车（含连接链、插销）** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | | | 煤矿用  窄轨车辆连接链 | | | 1 | | 外观检查 | | | | | | | | | | | | AQ1112-2014《煤矿在用窄轨车辆连接链检验规范》 | |  | | | | 现场 | |
| 2 | | 二倍最大静荷重试验时的永久伸长率 | | | | | | | | | | | |  | | | | 现场 | |
| 108 | | | 煤矿用  窄轨车辆连接插销 | | | 1 | | 外观检查 | | | | | | | | | | | | AQ1113-2014《煤矿在用窄轨车辆连接插销检验规范》 | |  | | | | 现场 | |
| 2 | | 二倍最大静荷重试验时的永久弯曲变形量 | | | | | | | | | | | |  | | | | 现场 | |
| 109 | | | 煤矿用  矿车连接装置 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 1 | | 表面缺陷检测 | | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | |  | | | | 现场/增项 | |
| 1 | | 二倍最大静荷重试验 | | | | | | | | | | | | 《煤矿安全规程》（2022）第四百一十六条 第（七）、（八）款 | |  | | | | 现场 | |
| **47、架空乘人装置、单轨吊** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | | | 煤矿用  架空乘人装置 | | | 1 | | 空载运行 | | | | | | | | | | | | AQ1038-2007《煤矿用架空乘人装置安全检验规范》 | |  | | | | 现场 | |
| 2 | | 负载运行 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 钢丝绳导向装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 制动装置性能 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 托轮性能 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 抱索器性能 | | | | | | | | | | | | 不能检测强度 | | | | 现场 | |
| 7 | | 吊椅性能 | | | | | | | | | | | | 不能检测强度 | | | | 现场 | |
| 8 | | 尾轮及张紧器性能 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 液压系统 | | | | | | | | | | | | 不能检测耐压和清洁度 | | | | 现场 | |
| 10 | | 安全保护 | | | | | | | | | | | |  | | | | 现场 | |
| 1 | | 一般要求 | | | | | | | | | | | | NB/T10755-2021《煤矿在用架空乘人装置定期安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 安全间距 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 空载运行 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 负载运行 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 钢丝绳 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 钢丝绳导向装置 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 制动装置性能 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 托轮性能 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 抱索器安全系数 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 抱索器运行性能 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 吊椅安全系数 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 吊椅运行性能 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 尾轮预张紧力 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 张紧装置运行性能 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 液压系统 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 安全防护装置配置 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 安全防护装置性能 | | | | | | | | | | | |  | | | | 现场 | |
| 111 | | | 煤矿用  架空乘人装置主轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| 112 | | | 煤矿用  单轨吊车 | | | 1 | | 一般要求 | | | | | | | | | | | | NB/T10176-2019《煤矿在用单轨吊车安全性能检测检验规范》 | |  | | | | 现场 | |
| 2 | | 使用性能 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 制动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 照明、信号与通信 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 配套设施 | | | | | | | | | | | |  | | | | 现场 | |
| 113 | | | 煤矿用  防爆特殊型蓄电池单轨吊车 | | | 1 | | 基本要求 | | | | | | | | | | | | MT/T887-2000《DX25J防爆特殊型蓄电池单轨吊车》 | |  | | | | 现场 | |
| 2 | | 通过能力 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 最大牵引力 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 小时制牵引力 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 工作制动力 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 紧急制动力 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 最大运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 紧急制动空行程时间 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 紧急制动上坡制动减速度 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 紧急制动下坡制动距离 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 照明灯、信号灯 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 甲烷测定报警并断电 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 电路绝缘电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 爬坡能力 | | | | | | | | | | | |  | | | | 现场 | |
| 114 | | | 煤矿用  柴油机单轨吊机车 | | | 1 | | 基本要求 | | | | | | | | | | | | MT/T 883-2000《柴油机单轨吊机车》 | |  | | | | 现场 | |
| 2 | | 最大牵引力和最大运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 紧急制动力 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 紧急制动施闸空动时间 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 柴油机自动保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 瓦斯超限报警断电保护 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 照明灯照度 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 通过能力 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 爬坡能力 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 制动距离 | | | | | | | | | | | |  | | | | 现场 | |
| 115 | | | 煤矿用  单轨吊机车拉（连）杆 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **48、无轨胶轮（履带）车** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | | | 煤矿用  防爆柴油机无轨胶轮车 | | | 1 | | 基本要求 | | | | | | | | | | | | MT/T 989-2006《矿用防爆柴油机无轨胶轮车通用技术条件》MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场 | |
| 2 | | 结构要求与操作灵活性 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 最小离地间隙和外形尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 常温启动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 最小通过能力半径 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 最大牵引力 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 自动保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 最大静制动力 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 制动距离 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 坡道上的停车制动 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 爬坡能力 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 照明及信号 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 警声及噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 尾气一氧化碳检测 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 尾气氮氧化物检测 | | | | | | | | | | | |  | | | | 现场 | |
| 1 | | 基本要求 | | | | | | | | | | | | MT/T 1199-2023 《煤矿用防爆柴油机无轨胶轮运输车辆通用安全技术条件》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场 | |
| 2 | | 整车 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 底盘 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 车身 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 转向系 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 制动系 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 行驶系 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 传动系 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 防爆柴油机 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 照明、信号及警示 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 仪器仪表 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 车辆检测及自动保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 安全防护与消防设施 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 防爆柴油机尾气中一氧化碳浓度 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 防爆柴油机尾气中氮氧化物浓度 | | | | | | | | | | | |  | | | | 现场 | |
| 117 | | | 煤矿用  无轨胶轮车 | | | 1 | | 结构要求 | | | | | | | | | | | | NB/T 10756-2021《煤矿在用无轨胶轮车安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 操作灵活性 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 消防装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 离地最小间隙 | | | | | | | | | | | | 只检初次 | | | | 现场 | |
| 5 | | 常温启动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 最小通过能力半径 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 最大牵引力 | | | | | | | | | | | | 只检初次 | | | | 现场 | |
| 8 | | 运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 最大静制动力 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 制动距离 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 坡道上的停车制动 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 爬坡能力 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 照明及信号灯 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 警声装置 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 防爆柴油机尾气中一氧化碳浓度 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 防爆柴油机尾气中氮氧化物浓度 | | | | | | | | | | | |  | | | | 现场 | |
| 118 | | | 露天煤矿大型卡车 | | | 1 | | 汽车类型 | | | | | | | | | | | | NB/T10741-2021《露天煤矿大型卡车运行安全测试规范》  GB/T 12544-2012《汽车最高车速试验方法》 | |  | | | | 现场/增项 | |
| 2 | | 汽车制造商 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 汽车型号和编号 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 制动系统的状态 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 制造商认可的汽车最大质量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 制造商认可的汽车轴荷分配 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 轮胎尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 轮胎标定层数 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 轮胎花纹型式 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 轮胎压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 制动器种类 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 制动系统形式 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 使用限速器进行试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 限速器种类 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15 | | 测试道路的路面 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 测试道路的纵向坡度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 17 | | 测试道路的横向坡度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 18 | | 测试卡车最大水平速度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 19 | | 制动性能测试 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 20 | | 测试卡车动力检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 21 | | 液压系统检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 22 | | 转向系统检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 23 | | 灭火系统检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **49、动力机车** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | | | 煤矿用  电机车 | | | 1 | | 制动距离 | | | | | | | | | | | | 《煤矿安全规程》（2022）第377条11款 | |  | | | | 现场 | |
| 1 | | 一般要求 | | | | | | | | | | | | NB/T10049-2018《煤矿在用电机车检测检验规范》 | |  | | | | 现场 | |
| 2 | | 制动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 机械部件 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 电气部件 | | | | | | | | | | | |  | | | | 现场 | |
| 120 | | | 煤矿用  井下钢丝绳牵引卡轨车 | | | 1 | | 操纵台 | | | | | | | | | | | | MT/T 590-1996《煤矿井下钢丝绳牵引卡轨车技术条件》 | |  | | | | 现场 | |
| 2 | | 卡轨车安全制动装置 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 钢丝绳的安全系数 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 钢丝绳插接长度 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 联络用的信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 轨道性能 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 整机性能要求 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 绞车性能要求 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 制动装置性能要求 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 载重车性能 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 牵引车性能要求 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 人车性能要求 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 电气系统性能要求 | | | | | | | | | | | |  | | | | 现场 | |
| 121 | | | 煤矿用  防爆柴油机齿轮轨卡轨车 | | | 1 | | 基本要求 | | | | | | | | | | | | MT/T 588-1996《煤矿用防爆柴油机胶套轮/齿轨卡轨车技术条件》 MT990-2006《矿用防爆柴油机通用技术条件》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 《煤矿安全规程》(2022) | |  | | | | 现场/增项 | |
| 2 | | 外观质量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 空载运行 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 负载运行 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 温升试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 牵引力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 牵引速度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 工作制动 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 停车制动 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 紧急制动力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 紧急制动空动时间 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 自动派速装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 制动距离 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 制动减速度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15 | | 通过性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 爬坡性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 17 | | 电气元件及系统的防爆性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 18 | | 照明 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 19 | | 喇叭 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 20 | | 信号及通讯联系 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 21 | | 防火等安全设施及自动监控装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 22 | | 噪音 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 23 | | 尾气 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 122 | | | 煤矿用  蓄电池齿轨卡轨车 | | | 1 | | 外观质量及结构检查 | | | | | | | | | | | | MT/T 1213-2024《矿用蓄电池齿轨卡轨车》 | | 只测运行工况下 | | | | 现场/增项 | |
| 2 | | 照明灯照度和信号灯能见距离试验 | | | | | | | | | | | | 现场/增项 | |
| 3 | | 警声 | | | | | | | | | | | | 现场/增项 | |
| 4 | | 司机室噪声 | | | | | | | | | | | | 现场/增项 | |
| 5 | | 空载运行 | | | | | | | | | | | | 现场/增项 | |
| 6 | | 制动小车制动力 | | | | | | | | | | | | 现场/增项 | |
| 7 | | 人车功能检测 | | | | | | | | | | | | 现场/增项 | |
| 8 | | 液压系统渗漏 | | | | | | | | | | | | 现场/增项 | |
| 9 | | 电路绝缘电阻 | | | | | | | | | | | | 现场/增项 | |
| 10 | | 电路绝缘耐压 | | | | | | | | | | | | 现场/增项 | |
| 11 | | 甲烷监控 | | | | | | | | | | | | 现场/增项 | |
| 12 | | 拉杆无损探伤 | | | | | | | | | | | | 现场/增项 | |
| 13 | | 自动限速 | | | | | | | | | | | | 现场/增项 | |
| 14 | | 紧急制动距离 | | | | | | | | | | | | 现场/增项 | |
| 15 | | 制动装置空动时间 | | | | | | | | | | | | 现场/增项 | |
| 16 | | 工作制动距离 | | | | | | | | | | | | 现场/增项 | |
| 17 | | 制动减速度 | | | | | | | | | | | | 现场/增项 | |
| 18 | | 通过能力 | | | | | | | | | | | | 现场/增项 | |
| 19 | | 负载运行 | | | | | | | | | | | | 现场/增项 | |
| 20 | | 整车制动力 | | | | | | | | | | | | 现场/增项 | |
| 21 | | 爬坡能力 | | | | | | | | | | | | 现场/增项 | |
| 22 | | 最大牵引力 | | | | | | | | | | | | 现场/增项 | |
| 23 | | 最大运行速度 | | | | | | | | | | | | 现场/增项 | |
| **（二）运输设备及配套部件** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **50、带式输送机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | | | 煤矿用  带式输送机 | | | 1 | | 证件审查 | | | | | | | | | | | | MT820-2006《煤矿用带式输送机技术条件》 | |  | | | | 现场 | |
| 2 | | 防护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 带速 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 输送量 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 功率 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 启动加速度 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 运行平稳性 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 输送带跑偏 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 制动装置和逆止装置 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 张紧装置 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 液压元件 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 清扫器 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 机电保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 1 | | 一般要求 | | | | | | | | | | | | NB/T 10753-2021《煤矿在用带式输送机安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 电气系统 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 防护装置和警示标志 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 带速 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 功率 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 加速度 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 运行平稳性 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 输送带运行状态 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 制动装置和逆止装置 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 防撕裂保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 沿线紧急停车装置 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 防跑偏保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 防超速保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 驱动滚筒防打滑保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 堆煤保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 烟雾保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 温度监测、自动洒水装置 | | | | | | | | | | | |  | | | | 现场 | |
| 19 | | 张紧力下降保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 20 | | 软启动装置 | | | | | | | | | | | |  | | | | 现场 | |
| 21 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 22 | | 张紧装置 | | | | | | | | | | | |  | | | | 现场 | |
| 23 | | 液压元件 | | | | | | | | | | | |  | | | | 现场 | |
| 24 | | 清扫器 | | | | | | | | | | | |  | | | | 现场 | |
| 25 | | 液力耦合器传动介质 | | | | | | | | | | | |  | | | | 现场 | |
| 124 | | | 煤矿用  带式输送机主要机械部件及主轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | MT/T1217-2024《煤矿在用带式输送机滚筒轴超声检测方法》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 1 | | 表面缺陷检测 | | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | |  | | | | 现场/增项 | |
| **七、采掘、支护设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）采掘设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **70、刮板输送机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125 | | | 煤矿用  刮板输送机 | | | 1 | | 空运转试验下的平直铺设试验 | | | | | | | | | | | | MT/T 105-2006《刮板输送机通用技术条件》 MT/T 104-1993《刮板输送机型式检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验下的链速测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 空运转试验下的空运转功率测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 空运转试验下的运转平稳性检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 空运转试验下的噪声测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 紧链机构检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 安装互换性和接口尺寸检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **71、巷道修复机、清仓机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | | | 煤矿用  挖掘机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB/T9139-2018《土方机械 液压挖掘机 技术条件》  GB/T7586-2018《液压挖掘机 试验方法》  JB 6030-2001《工程机械 通用安全技术要求》  JB/T 13011-2017《矿用液压挖掘机》 | |  | | | | 现场/增项 | |
| 2 | | 性能要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 安全要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 司机室要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 127 | | | 煤矿用  挖掘装载机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB/T10170-2021《土方机械 挖掘装载机 技术条件》  GB/T7586-2018《液压挖掘机 试验方法》  GB/T8595-2023《土方机械 司机的操纵装置》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 性能要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 安全要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 环保及舒适性要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 尾气一氧化碳检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 尾气氮氧化物检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 128 | | | 煤矿用  轮胎式装载机 | | | 1 | | 通道装置 | | | | | | | | | | | | GB/T 35199-2017 《土方机械轮胎式装载机 技术条件》  GB/T25684.1《土方机械 安全 第1部分：通用要求》  GB/T 35198-2017《土方机械轮胎式装载机 试验方法》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 安全标志 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 司机位置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 司机座椅 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 司机的操纵装置和指示装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 转向系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 制动系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 司机视野 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 司机室位置处的发射声压级 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 保护措施及装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 电气和电子系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 燃油箱和液压油箱 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 灭火器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 尾气 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 129 | | | 煤矿用  铲运机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB 25518-2010《地下铲运机安全要求》  JB/T 5500-2015《地下铲运机》  JB/T 5501-2017《地下铲运机试验方法》 | |  | | | | 现场/增项 | |
| 2 | | 性能要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 工作装置动作时间测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 制动系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 控制装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 灭火系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 转向灵敏性测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **（三）钻孔设备、空气压缩机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **78、凿岩机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130 | | | 煤矿用  气动凿岩机 | | | 1 | | 外观 | | | | | | | | | | | | GB 17957-2021《凿岩机械与气动工具 安全要求》  MT/T 903-2002《煤矿用气动凿岩机通用技术条件》 | |  | | | | 现场/增项 | |
| 2 | | 安全性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 密封性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 支腿伸长量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 耗气量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **81、井下空气压缩机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 131 | | | 煤矿用  空气压缩机 | | | 1 | | 一般要求 | | | | | | | | | 证件检查 | | | MT/T1203-2023《煤矿在用产品安全检测检验规范 空气压缩机》 | |  | | | | 现场 | |
| 报告核查 | | |  | | | | 现场 | |
| 淘汰及禁止情况 | | |  | | | | 现场 | |
| 2 | | 文件资料 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 安装 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 外观 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 安全保护及辅助装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 技术性能 | | | | | | | | | 承压与密封性能 | | |  | | | | 现场 | |
| 容积流量 | | |  | | | | 现场 | |
| 排气温度 | | |  | | | | 现场 | |
| 噪声 | | |  | | | | 现场 | |
| 振动烈度 | | |  | | | | 现场 | |
| 132 | | | 煤矿用  空气压缩机润滑油 | | | 1 | | 开口闪点和燃点 | | | | | | | | | | | | GB/T 3536-2008《石油产品闪点和燃点的测定 克利夫兰开口杯法》 | | 只检开口闪点和燃点 | | | | 现场 | |
| **九、救生设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **83、自救器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133 | | | 煤矿用  压缩氧自救器 | | | 1 | | 结构设计 | | | | | | | | | | | | GB 24502-2023《煤矿用自救器》 | |  | | | | 现场/增项 | |
| 2 | | 高压系统气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 正压气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 负压气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 定量供氧量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 呼吸系统取出力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 封印条或挂钩开启力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 134 | | | 煤矿用  化学氧自救器 | | | 1 | | 结构要求 | | | | | | | | | | | | GB 24502-2023《煤矿用自救器》 | |  | | | | 现场/增项 | |
| 2 | | 自救器外壳气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 初期生氧器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **84、呼吸器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 135 | | | 煤矿用  隔绝式正压氧气呼吸器 | | | 1 | | 气密性 | | | | | | | | | | | | MT/T867-2000《隔绝式正压氧气呼吸器》 | |  | | | | 现场/增项 | |
| 2 | | 自动补给阀开启压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 排气阀开启压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 定量供氧量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 136 | | | 煤矿用  自动苏生器 | | | 1 | | 外观检查 | | | | | | | | | | | | MT/T 949-2005《煤矿用自动苏生器》 | |  | | | | 现场/增项 | |
| 2 | | 高压系统气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 低压系统气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 自动肺充气压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 自动肺抽气压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 吸痰引射压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **Ⅱ、非煤地下矿山矿用产品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **一、防爆电气设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 137 | | | 矿用隔爆型高压配电装置 | | | 1 | | 绝缘电阻 | | | | | | | | | | | | DL/T 596-2021《电力设备预防性试验规程》  GB 50150-2016《电气装置安装工程 电气设备交接试验标准》 | |  | | | | 现场/增项 | |
| 2 | | 耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 辅助回路和控制回路交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 导电回路电阻测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 检查动触头上的软联接夹片有无松动 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 138 | | | 矿用隔爆型照明信号综合保护装置 | | | 1 | | 外观 | | | | | | | | | | | | MT/T 1123-2011《矿用隔爆型照明信号综合保护装置》 | |  | | | | 现场/增项 | |
| 2 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 工频耐压 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 139 | | | 矿用防爆低压交流真空馈电开关 | | | 1 | | 绝缘电阻 | | | | | | | | | | | | GB 50150-2016《电气装置安装工程 电气设备交接试验标准》 | |  | | | | 现场/增项 | |
| 2 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 140 | | | 矿用电动机 | | | 1 | | 绝缘电阻测定 | | | | | | | | | | | | GB/T 1032-2023《三相异步电动机试验方法》  GB 50150-2016《电气装置安装工程电气设备交接试验标准》DL/T 596-2021 《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| 2 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 直流电阻测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 141 | | | 电力绝缘安全工器具 | | | 1 | | 工频耐压试验 | | | | | | | | | | | | KA/T 2072-2019《金属非金属矿山在用电力绝缘安全工器具电气试验规范》 | |  | | | | 现场/增项 | |
| 2 | | 成组直流电阻试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 启动电压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 142 | | | 危险场所电气防爆安全检查 | | | 1 | | 隔爆型电气设备EX“d”检查 (表10) | | | | | | | | | | | | AQ3009-2007《危险场所电气防爆安全规范》 | |  | | | | 现场/增项 | |
| 2 | | 增安型电气设备EX“e”检查 (表11) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | n型电气设备EX“i”检查 (表12) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 本安型电气设备EX“i”检查 (表13) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 正压外壳型电气设备EX“p”检查 (表14) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 油浸型电气设备EX“o”检查 (表15) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 浇封型、充沙型电气设备EX“m”、“q”检查 (表16) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 防粉尘点燃电气设备（DIP A/B）检查 (表17) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 安全施工检查 (表18) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 143 | | | 接地装置 | | | 1 | | 接地电阻 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  GB 50150-2016《电气装置安装工程电气设备交接试验标准》  DL/T 475-2017《接地装置特性参数测量导则》  DL/T 596-2021《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| **二、提升运输设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）提升设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2、提升机、绞车、电梯** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | | | 金属非金属矿山在用摩擦式矿井提升机 | | | 1 | | 机房或硐室 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  AQ2021-2008《金属非金属矿山在用摩擦式提升机安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 提升装置 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 制动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 液压系统 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 提升机应装设的保护装置及要求 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 电气系统 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 钢丝绳和连接装置 | | | | | | | | | | | |  | | | | 现场 | |
| 145 | | | 金属非金属矿山在用缠绕式矿井提升机 | | | 1 | | 机房或硐室 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  AQ2020-2008《金属非金属矿山在用缠绕式提升机安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 提升装置 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 制动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 液压系统 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 提升机应装设的保险装置及要求 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 电气系统 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 钢丝绳和连接装置 | | | | | | | | | | | |  | | | | 现场 | |
| 146 | | | 金属非金属矿山在用提升绞车 | | | 1 | | 机房或硐室 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  AQ2022-2008《金属非金属矿山在用提升绞车安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 提升装置 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 制动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 液压系统 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 提升机应装设的保险装置及要求 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 电气系统 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 钢丝绳和连接装置 | | | | | | | | | | | |  | | | | 现场 | |
| 147 | | | 矿用辅助绞车 | | | 1 | | 照明装置 | | | | | | | | | | | | GB 20180-2006《矿用辅助绞车安全要求》 | |  | | | | 现场/增项 | |
| 2 | | 操作位置要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 运转情况 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 密封性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 主轴和卷筒缺陷 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 挡绳板边缘高度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 钢丝绳在滚筒上固定情况 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 总停开关 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 工作制动器及安全制动器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 接触面积 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 闸瓦(带)与制动轮完好性及表面检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 闸瓦(带)表面距固定螺栓头或铆钉头端部距离 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 制动力矩 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15 | | 操纵机构 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 手动操纵机构手把上的作用力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 17 | | 气动绞车的脚踏操纵力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 18 | | 气动绞车手柄(脚踏板)移动行程 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 19 | | 防护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 20 | | 深度指示器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 21 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 148 | | | 矿用调度绞车 | | | 1 | | 外观质量检查 | | | | | | | | | | | | GB/T 15113-2017《调度绞车》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 安全保护性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 149 | | | 矿用无极绳绞车 | | | 1 | | 制造与装配 | | | | | | | | | | | | AQ1037-2007《煤矿用无极绳绞车安全检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 外观质量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 安全防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 使用性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 制动性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 隔爆型绞车用制动闸瓦摩擦性能 | | | | | | | | | | | | 不检摩擦性能 | | | | 现场/增项 | |
| 7 | | 密封性检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 150 | | | 矿用无极绳调速机械绞车 | | | 1 | | 制造与装配 | | | | | | | | | | | | AQ1041-2007《煤矿用无极绳调速机械绞车安全检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 操纵性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 使用性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 制动性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 隔爆型绞车用制动闸瓦摩擦性能 | | | | | | | | | | | | 不检摩擦性能 | | | | 现场/增项 | |
| 6 | | 轮衬摩擦系数 | | | | | | | | | | | | 不检摩擦系数 | | | | 现场/增项 | |
| 7 | | 安全防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 151 | | | 矿用运输绞车 | | | 1 | | 外观质量 | | | | | | | | | | | | JB/T9028-2012《运输绞车》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 深度指示器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 安全防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 制动性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 152 | | | 矿用双速多用绞车 | | | 1 | | 外观质量 | | | | | | | | | | | | MT/T952-2005《双速多用绞车》 | |  | | | | 现场/增项 | |
| 2 | | 空运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 负载试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 超负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 基本参数 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 安全保护性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 153 | | | 金属非金属矿山在用矿用电梯 | | | 1 | | 矿用产品安全标志 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  AQ 2058-2016《金属非金属矿山在用矿用电梯安全检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 制造资料 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 使用资料 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 安全部件防锈蚀 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 通道与通道门 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 照明、插座与消防措施 | | | | | | | | | | | | 只检5.1.4中a）、d） | | | | 现场/增项 | |
| 7 | | 主开关 | | | | | | | | | | | | 只检5.1.5中a） | | | | 现场/增项 | |
| 8 | | 断、错相保护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 驱动主机 | | | | | | | | | | | | 只检5.1.7中a） | | | | 现场/增项 | |
| 10 | | 紧急操作装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 限速器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 接地 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 电气绝缘 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 导轨 | | | | | | | | | | | | 只检5.2.3中c）、d）、e） | | | | 现场/增项 | |
| 15 | | 井道内防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 极限开关 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 17 | | 电缆 | | | | | | | | | | | | 只检2.2.7中b） | | | | 现场/增项 | |
| 18 | | 井道照明 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 19 | | 底坑设施与装置 | | | | | | | | | | | | 只检5.2.9中a）、c） | | | | 现场/增项 | |
| 20 | | 限速器绳及张紧装置 | | | | | | | | | | | | 只检5.2.11中b）、c） | | | | 现场/增项 | |
| 21 | | 缓冲器 | | | | | | | | | | | | 只检5.2.12中c）、d）、e） | | | | 现场/增项 | |
| 22 | | 轿顶电气装置 | | | | | | | | | | | | 只检5.3.1中a）、b） | | | | 现场/增项 | |
| 23 | | 轿厢安全窗(门)与防水措施 | | | | | | | | | | | | 只检5.3.3中e） | | | | 现场/增项 | |
| 24 | | 对重固定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 25 | | 应急照明和紧急报警装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 26 | | 地坎护脚板 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 27 | | 超载保护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 28 | | 安全钳 | | | | | | | | | | | | 只检5.3.11中b）、d)、e） | | | | 现场/增项 | |
| 29 | | 悬挂装置、补偿装置的磨损、断丝、变形等情况 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 30 | | 端部固定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 31 | | 补偿装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 32 | | 旋转部件的防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 33 | | 门间隙 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 34 | | 防止门夹人的保护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 35 | | 门的运行和导向 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 36 | | 自动关闭层门装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 37 | | 紧急开锁装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 38 | | 门的锁紧 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 39 | | 门的闭合 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 40 | | 门刀、门锁滚轮与地坎间隙 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 41 | | 乘人数公告 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 42 | | 轿厢上行超速保护装置试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 43 | | 耗能缓冲器试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 44 | | 轿厢限速器- 安全钳联动试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 45 | | 对重限速器- 安全钳联动试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 46 | | 空载曳引力试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 47 | | 运行试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 48 | | 消防返回功能试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 49 | | 矿用电梯的速度及加、减速度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 50 | | 上行制动试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 154 | | | 提升机（绞车）主轴、天轮轴、  导向轮轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| 155 | | | 提升机（绞车）连接装置 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| 1 | | 表面缺陷检测 | | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | |  | | | | 现场 | |
| **3、矿用钢丝绳** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 156 | | | 金属非金属矿山提升钢丝绳 | | | 1 | | 在线无损检测 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  MT/T 970-2005《钢丝绳(缆)在线无损定量检测方法和判定规则》 | |  | | | | 现场 | |
| **4、提升容器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 157 | | | 罐笼 | | | 1 | | 标志、证书检查 | | | | | | | | | | | | GB16542-2010 《罐笼安全技术要求》 | |  | | | | 现场/增项 | |
| 2 | | 罐体顶部的检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 罐笼内尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 罐笼内扶手 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 罐笼门 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 罐体内阻车器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 罐笼顶盖及人孔 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 罐底轨道 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 导向装置与罐道之间的间隙 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 158 | | | 矿用  提升容器重要承载件 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| **6、安全保护装置** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 159 | | | 竖井  防坠器 | | | 1 | | 试验前检查 | | | | | | | | | | | | AQ 2019-2008《金属非金属矿山竖井提升系统防坠器安全性能检测检验规范》 | |  | | | | 现场 | |
| 2 | | 静负荷试验 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 脱钩试验 | | | | | | | | | | | |  | | | | 现场 | |
| 160 | | | 矿用跑车防护装置 | | | 1 | | 组成及设计检查 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  GB43068-2023《煤矿用跑车防护装置安全技术要求》 | |  | | | | 现场/增项 | |
| 2 | | 装置总装检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 功能检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 监控传感器灵敏度试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 钢丝绳检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 挡车栏荧光标志检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 收放机构负荷试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 安装使用说明书检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 标牌检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 161 | | | 防过卷过放缓冲装置 | | | 1 | | 竖井提升过卷段高度 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》 | |  | | | | 现场/增项 | |
| 2 | | 竖井提升过卷挡梁 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 竖井提升系统的过卷缓冲装置的设置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **（二）运输设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **7、轨道运输设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 162 | | | 斜井人车 | | | 1 | | 车体 | | | | | | | | | | | | AQ2028-2010《矿山在用斜井人车安全性能检验规范》 | |  | | | | 现场 | |
| 2 | | 开动机构 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 联接装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 缓冲装置 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 平道闭锁装置 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 制动装置 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 行走部分 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 静止落闸试验 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 空行程时间 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 实际最大运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 全速落闸试验 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 全速落闸试验后的要求 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 运行稳定性 | | | | | | | | | | | |  | | | | 现场 | |
| 163 | | | 平巷人车 | | | 1 | | 人车结构和外形尺寸 | | | | | | | | | | | | JB/T5495-1991《平巷人车》  MT389-2007《煤矿用平巷人车技术条件》 | |  | | | | 现场/增项 | |
| 2 | | 焊缝的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 铆接的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 轮对基本参数和性能检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 弹簧检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 转向器的转向角度检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 牵引中心线及车厢纵向中心面对车架纵向中心面对称度的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 轮轨间隙的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 涂漆质量的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 车厢偏摆的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 164 | | | 矿用人车连接装置 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T6402-2024《钢锻件超声检测方法》  MT/T 684-1997《矿用提升容器重要承载件无损探伤方法与验收规范》 | |  | | | | 现场 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场 | |
| 165 | | | 矿车连接链 | | | 1 | | 外观检查 | | | | | | | | | | | | AQ1112-2014《煤矿在用窄轨车辆连接链检验规范》 | |  | | | | 现场 | |
| 2 | | 二倍最大静荷重试验时的永久伸长率 | | | | | | | | | | | |  | | | | 现场 | |
| 166 | | | 矿车连接插销 | | | 1 | | 外观检查 | | | | | | | | | | | | AQ1113-2014《煤矿在用窄轨车辆连接插销检验规范》 | |  | | | | 现场 | |
| 2 | | 二倍最大静荷重试验时的永久弯曲变形量 | | | | | | | | | | | |  | | | | 现场 | |
| 167 | | | 矿用电机车 | | | 1 | | 一般要求 | | | | | | | | | | | | NB/T10049-2018《煤矿在用电机车检测检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 制动性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 机械部件 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 电气部件 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **8、架空乘人装置** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 168 | | | 金属非金属矿山架空乘人装置 | | | 1 | | 空载运行 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  AQ1038-2007《煤矿用架空乘人装置安全检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 负载运行 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 钢丝绳导向装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 制动装置性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 托轮性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 抱索器性能 | | | | | | | | | | | | 不能检测强度 | | | | 现场/增项 | |
| 7 | | 吊椅性能 | | | | | | | | | | | | 不能检测强度 | | | | 现场/增项 | |
| 8 | | 尾轮及张紧器性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 液压系统 | | | | | | | | | | | | 不能检测耐压和清洁度 | | | | 现场/增项 | |
| 10 | | 安全保护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 169 | | | 矿用  架空乘人装置主轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 170 | | | 架空索道 | | | 1 | | 站房 | | | | | | | | | | | | AQ 2057-2016《金属非金属矿山在用货运架空索道安全检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 运输线路 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 驱动装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 制动系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 通讯与信号装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 防雷与接地 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 钢丝绳 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **9、无轨运输设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | | | 金属非金属地下矿山无轨运人车 | | | 1 | | 整机  性能 | | | | 最小转弯半径 | | | | | | | | AQ2070-2019《金属非金属地下矿山无轨运人车辆安全技术要求》 | |  | | | | 现场 | |
| 车架摆动角 | | | | | | | |  | | | | 现场 | |
| 行驶速度 | | | | | | | |  | | | | 现场 | |
| 爬坡能力 | | | | | | | |  | | | | 现场 | |
| 2 | | 制动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 操纵系统 | | | | | | | | | | | | 不检测4.4.5操纵装置的操纵力 | | | | 现场 | |
| 4 | | 传动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 出口 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 驾驶室 | | | | | | | | | | | | 不检测4.7.1保护性能、4.7.2结构强度 | | | | 现场 | |
| 7 | | 乘人车厢 | | | | | | | | | | | | 不检测4.8.1保护性能、4.8.2结构强度 | | | | 现场 | |
| 8 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 照明及信号装置 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 报警装置 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 尾气排放 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 消防装置 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 安全警示标志 | | | | | | | | | | | |  | | | | 现场 | |
| 172 | | | 无轨胶轮车（含运料车、搬运车、混凝土搅拌车、吸污车等） | | | 1 | | 结构要求 | | | | | | | | | | | | NB/T 10756-2021《煤矿在用无轨胶轮车安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 操作灵活性 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 消防装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 离地最小间隙 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 常温启动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 最小通过能力半径 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 最大牵引力 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 运行速度 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 最大静制动力 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 制动距离 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 坡道上的停车制动 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 爬坡能力 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 照明及信号灯 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 警声装置 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 防爆柴油机尾气中一氧化碳浓度 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 防爆柴油机尾气中氮氧化物浓度 | | | | | | | | | | | |  | | | | 现场 | |
| 173 | | | 地下  运矿车 | | | 1 | | 整机几何参数 | | | | | | | | | | | | AQ2065-2018《地下运矿车安全检验规范》 | |  | | | | 现场 | |
| 2 | | 最小转弯半径 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 行驶速度 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 最大牵引力 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 车厢升降性能 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 驾驶室或顶棚 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 启动性能 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 操纵系统 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 消防装置 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 制动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 传动系统 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 爬坡能力 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 照明及信号 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 报警装置 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 尾气排放 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 安全保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 安全警示标志 | | | | | | | | | | | |  | | | | 现场 | |
| 174 | | | 地下矿用轮胎式运矿车 | | | 1 | | 整机几何参数测定 | | | | | | | | | | | | JB/T 8436-2015 《地下矿用轮胎式运矿车》  JB/T5501-2017《地下铲运机试验方法》 | |  | | | | 现场/增项 | |
| 2 | | 摆动桥摆动角 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 最小转弯半径（外侧）测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 自卸性能测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 举升报警装置检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 报警音响的检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 最大牵引力测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 爬坡能力测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 操纵装置布置和操纵力测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 车厢自降量检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 视野与照明检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 噪声测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 柴油机废气排放的测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 制动性能测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15 | | 外观检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 安全标志检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 175 | | | 矿用自卸汽车 | | | 1 | | 产品标牌 | | | | | | | | | | | | AQ2027-2010《金属非金属露天矿山在用矿用自卸汽车安全检验规范》 | |  | | | | 现场 | |
| 2 | | 外观 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 漏水检查 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 漏油检查 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 车速表指示误差 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 最小转弯直径 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 柴油机启动 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 柴油机运转 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 柴油机加、减速 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 柴油机停机装置 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 转向系统 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 方向盘操纵力 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 方向盘自由行程 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 转向轮自动回正 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 应急转向装置 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 制动装置配置 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 行车制动 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 应急制动 | | | | | | | | | | | |  | | | | 现场 | |
| 19 | | 停车制动 | | | | | | | | | | | |  | | | | 现场 | |
| 20 | | 灯光设置 | | | | | | | | | | | |  | | | | 现场 | |
| 21 | | 前、后转向信号灯、危险警告信号及制动灯 | | | | | | | | | | | |  | | | | 现场 | |
| 22 | | 前照灯 | | | | | | | | | | | |  | | | | 现场 | |
| 23 | | 喇叭 | | | | | | | | | | | |  | | | | 现场 | |
| 24 | | 轮胎 | | | | | | | | | | | |  | | | | 现场 | |
| 25 | | 车架、车桥 | | | | | | | | | | | |  | | | | 现场 | |
| 26 | | 离合器 | | | | | | | | | | | |  | | | | 现场 | |
| 27 | | 变速器 | | | | | | | | | | | |  | | | | 现场 | |
| 28 | | 传动轴 | | | | | | | | | | | |  | | | | 现场 | |
| 29 | | 驱动桥 | | | | | | | | | | | |  | | | | 现场 | |
| 30 | | 车身和驾驶室 | | | | | | | | | | | |  | | | | 现场 | |
| 31 | | 车门和车窗 | | | | | | | | | | | |  | | | | 现场 | |
| 32 | | 空气调节装置 | | | | | | | | | | | |  | | | | 现场 | |
| 33 | | 后视镜 | | | | | | | | | | | |  | | | | 现场 | |
| 34 | | 刮水器 | | | | | | | | | | | |  | | | | 现场 | |
| 35 | | 灭火装置 | | | | | | | | | | | |  | | | | 现场 | |
| 36 | | 保护板 | | | | | | | | | | | |  | | | | 现场 | |
| 37 | | 尾气排放 | | | | | | | | | | | |  | | | | 现场 | |
| 38 | | 驾驶员耳旁噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 39 | | 自卸机构 | | | | | | | | | | | |  | | | | 现场 | |
| **10、带式输送机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 176 | | | 钢丝绳牵引带式输送机 | | | 1 | | 在倾斜巷道中运送人员的钢丝绳牵引带式输送机 | | | | | | | | | | | | GB16423-2020《金属非金属矿山安全规程 》  LD87.3-1996《矿山提升系统安全技术检验规程第三部分：斜井提升带式输送机的检验》 | |  | | | | 现场 | |
| 2 | | 钢丝绳牵引带式输送机的保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 钢丝绳牵引带式输送机的制动器 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 钢丝绳芯带式输送机 | | | | | | | | | | | |  | | | | 现场 | |
| 177 | | | 金属非金属矿山在用带式输送机 | | | 1 | | 照明 | | | | | | | | | | | | KA/T2081-2023《金属非金属矿山在用带式输送机安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 机头、机尾等防护栏和警示标志 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 高速轴驱动器等防护罩 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 驱动装置防护栏 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 料斗、溜槽检查门设置及防护措施 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 跨越桥 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 密封罩盖及防尘装置 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 整机运行稳定性 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 速度、加速度 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 功率 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 制动装置 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 防逆转装置 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 超速保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 防跑偏保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 打滑保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 防撕裂保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 断带保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 过载保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 19 | | 防大块冲击保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 20 | | 空仓、满仓保护和报警装置 | | | | | | | | | | | |  | | | | 现场 | |
| 21 | | 溜槽、料斗防堵塞保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 22 | | 信号、电气联锁及紧急停车装置 | | | | | | | | | | | |  | | | | 现场 | |
| 23 | | 张紧力下降保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 24 | | 过电流和欠电压保护装置 | | | | | | | | | | | |  | | | | 现场 | |
| 25 | | 张紧装置 | | | | | | | | | | | |  | | | | 现场 | |
| 26 | | 液压、液力元件 | | | | | | | | | | | |  | | | | 现场 | |
| 27 | | 清扫装置 | | | | | | | | | | | |  | | | | 现场 | |
| 28 | | 液力偶合器传动介质 | | | | | | | | | | | |  | | | | 现场 | |
| 29 | | 电动机、电控设备外壳接地电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 178 | | | 金属非金属矿山带式输送机主要机械部件及主轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | MT/T1217-2024《煤矿在用带式输送机滚筒轴超声检测方法》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 1 | | 表面缺陷检测 | | | | | | | | | | | | NB/T47013.5-2015《承压设备无损检测 第5部分：渗透检测》 | |  | | | | 现场/增项 | |
| **三、采矿、通风及排水设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）采掘支护设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **13、无轨采掘设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | | | 矿用  钻井机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  GB 25526-2010《矿用钻井机安全要求》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 操作位置要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 控制系统要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 控制装置要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 运动部件防护要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 电气设备要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 液压润滑系统要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 气动装置要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 提吊装置与机械部件装卸 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 链轮和链条要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 平台、通道要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 稳定性要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 照明要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 防火要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15 | | 粉尘和废气处理 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 遥控（含远控）钻机特殊要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 17 | | 警告装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 18 | | 标牌 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **14、无轨出矿设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | | | 矿用  装载机 | | | 1 | | 通道装置 | | | | | | | | | | | | GB/T 35199-2017 《土方机械轮胎式装载机 技术条件》  GB/T25684.1《土方机械 安全 第1部分：通用要求》  GB/T 35198-2017《土方机械轮胎式装载机 试验方法》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 安全标志 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 司机位置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 司机座椅 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 司机的操纵装置和指示装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 转向系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 制动系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 司机视野 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 司机室位置处的发射声压级 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 保护措施及装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 电气和电子系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 燃油箱和液压油箱 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 灭火器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 尾气 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 181 | | | 矿用  铲运机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB 25518-2010《地下铲运机安全要求》  JB/T 5500-2015《地下铲运机》  JB/T 5501-2017《地下铲运机试验方法》 | |  | | | | 现场/增项 | |
| 2 | | 性能要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 工作装置动作时间测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 制动系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 控制装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 灭火系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 转向灵敏性测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 182 | | | 矿用  挖掘机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB/T9139-2018《土方机械 液压挖掘机 技术条件》  GB/T7586-2018《液压挖掘机 试验方法》  JB 6030-2001《工程机械 通用安全技术要求》  JB/T 13011-2017《矿用液压挖掘机》 | |  | | | | 现场/增项 | |
| 2 | | 性能要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 安全要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 司机室要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 183 | | | 矿用挖掘装载机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB/T10170-2021《土方机械 挖掘装载机 技术条件》  GB/T7586-2018《液压挖掘机 试验方法》  GB/T8595-2023《土方机械 司机的操纵装置》  MT/T 220-90《煤矿用防爆柴油机械排气中一氧化碳、氮氧化物检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 性能要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 安全要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 环保及舒适性要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 尾气一氧化碳检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 尾气氮氧化物检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15、地下服务车 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 184 | | | 矿用  破碎机 | | | 1 | | 一般要求 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  GB 18452-2001《破碎设备 安全要求》 | |  | | | | 现场/增项 | |
| 2 | | 操作位置安全要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 控制系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 控制装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 运动部件的防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 进料防护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 电气设备 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 液压润滑系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 设备安装、维护及保养 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 平台、走道 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 警告装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 照明 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 防火 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 185 | | | 地下撬毛台车 | | | 1 | | 外露部件 | | | | | | | | | | | | JB/T14265-2021《地下撬毛台车》 | |  | | | | 现场/增项 | |
| 2 | | 仪表、指示灯 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 司机室视野 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 喷水除尘功能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 制动装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 转向装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 操纵控制装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 报警装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 防火灭会装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 照明灯 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 司机室结构强度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 司机室内部 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 13 | | 传动部件防护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 14 | | 电气系统防护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 15 | | 液压管路布置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 16 | | 液压系统防护装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 17 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 18 | | 废弃排放 | | | | | | | | | | | | 只按出厂检验 | | | | 现场/增项 | |
| **（二）通风、降温设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **18、主要通风机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 186 | | | 主通风机 | | | 1 | | 矿用产品安全标志 | | | | | | | | | | | | AQ2054-2016《金属非金属矿山在用主通风机系统安全检验规范》 | |  | | | | 现场 | |
| 2 | | 零部件和紧固件 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 刹车装置 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 润滑系统 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 结构 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 电动机运行功率 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 接地电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 叶片径向间隙值 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 安全保护及设施 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 监测用仪器仪表 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 振动 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 备用电动机 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 轴承温度 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 效率 | | | | | | | | | | | |  | | | | 现场 | |
| 187 | | | 主要通风机叶片 | | | 1 | | 表面缺陷检测 | | | | | | | | | | | | JB/T 9218-2015《无损检测 渗透检测方法》 | |  | | | | 现场 | |
| 188 | | | 主要通风机主轴 | | | 1 | | 缺陷检测 | | | | | | | | | | | | GB/T 6402-2024《钢锻件超声检测方法》 | |  | | | | 现场/增项 | |
| 2 | | 缺陷尺寸 | | | | | | | | | | | |  | | | |  | |
| **19、局部通风机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 189 | | | 局部通风机 | | | 1 | | 外观质量 | | | | | | | | | | | | JB/T 9100-2014《矿井局部通风机 技术条件》  GB/T 10178-2006《工业通风机 现场性能试验》 | | 只检4.2.6、4.2.7、4.2.8、7.1.1 | | | | 现场/增项 | |
| 2 | | 机械运转试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 电动机绕组冷态绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 压入式（抽出式）通风机间隙 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 振动速度有效值 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 电动机最大输出功率 | | | | | | | | | | | | 只检运行工况点 | | | | 现场/增项 | |
| 7 | | 噪声 | | | | | | | | | | | | 只检运行工况点 | | | | 现场/增项 | |
| 8 | | 通风机流量 | | | | | | | | | | | | 只按GB/T10178-2006检运行工况点 | | | | 现场/增项 | |
| 9 | | 通风机压力或静压 | | | | | | | | | | | | 只按GB/T10178-2006检运行工况点 | | | | 现场/增项 | |
| 21、（三）**空气压缩机** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 190 | | | 移动式空气压缩机 | | | 1 | | 密封与防护 | | | | | | | | | | | | AQ 2056-2016《金属非金属矿山在用空气压缩机安全检验规范第 2 部分：移动式空气压缩机 | |  | | | | 现场 | |
| 2 | | 润滑系统 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 冷却系统 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 外接储气罐 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 系统保护要求 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 曲轴箱油温 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 运转状态 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 转速 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 容积流量 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 输入比功率 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 输入电流 | | | | | | | | | | | |  | | | | 现场 | |
| 191 | | | 固定式空气压缩机 | | | 1 | | 机房或硐室 | | | | | | | | | | | | AQ 2055-2016《金属非金属矿山在用空气压缩机安全检验规范第 1 部分：固定式空气压缩机》 | |  | | | | 现场 | |
| 2 | | 润滑系统 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 冷却系统 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 储气罐 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 系统保护要求 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 曲轴箱油温 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 停车复位 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 运转状态 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 振动 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 转速 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 容积流量 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 输入比功率 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 输入电流 | | | | | | | | | | | |  | | | | 现场 | |
| 192 | | | 一般用  喷油单螺杆空气压缩机 | | | 1 | | 实际容积流量 | | | | | | | | | | | | GB/T26967- 2011《一般用喷油单螺杆空气压缩机》 | |  | | | | 现场/增项 | |
| 2 | | 比功率 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 噪声 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 振动烈度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 安全要求 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 排气温度 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 空气滤清消声器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 止回阀和最小压力阀 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 容积流量自动调节装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 气路、油路和水路系统 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 油气分离器 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **（四）排水设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **22、离心泵** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 193 | | | 主排水泵/排水系统 | | | 1 | | 机房 | | | | | | | | | | | | AQ 2029-2010《金属非金属地下矿山主排水系统安全检验规范》 | |  | | | | 现场 | |
| 2 | | 接地电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 排水泵起动时间 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 振动 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 排水泵噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 排水泵的转速 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 电动机输入电流 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 排水能力 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 排水泵的扬程 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 运行工况点效率 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 吨水百米电耗 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 排水泵性能曲线 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 运行状况 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 工作泵、备用泵的联合排水能力 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 管路排水能力 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 供配电能力 | | | | | | | | | | | |  | | | | 现场 | |
| 194 | | | 隔爆型潜水电泵 | | | 1 | | 证件检查 | | | | | | | | | | | | MT/T 671-2005《煤矿用隔爆型潜水电泵》 | |  | | | | 现场/增项 | |
| 2 | | 保护装置检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 接地标志的检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 电泵电缆长度检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 电泵的起动 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 电泵的输入功率 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 电泵的扬程 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 电泵的流量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 电泵效率 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 195 | | | 潜水泵 | | | 1 | | 流量 | | | | | | | | | | | | GB/T 12785-2014《潜水电泵试验方法》  AQ 2029-2010《金属非金属地下矿山主排水系统检测检验》 | |  | | | | 现场/增项 | |
| 2 | | 电动机输入电流 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **四、电气设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）配电设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **23、变压器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 196 | | | 干式变压器 | | | 1 | | 绕组直流电阻 | | | | | | | | | | | | GB 50150-2016《电气装置安装工程电气设备交接试验标准》  DL/T 596-2021《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| 2 | | 绕组、铁芯绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 测温装置及其二次回路试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 197 | | | 油浸式变压器 | | | 1 | | 绕组直流电阻 | | | | | | | | | | | | GB 50150-2016《电气装置安装工程电气设备交接试验标准》  DL/T 596-2021《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| 2 | | 绕组连同套管的绝缘电阻、吸收比或极化指数) | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 绝缘油试验 | | | | | | | | | | | | 只测35kV及以下击穿电压试验 | | | | 现场/增项 | |
| 4 | | 绕组连同套管的外施耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 铁芯(有外引接地线的)绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 测温装置校验及其二次回路试验） | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 气体继电器校验及其二次回路试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 198 | | | 变压器绝缘油 | | | 1 | | 击穿电压 | | | | | | | | | | | | GB/T 507-2002《绝缘油 击穿电压测定法》DL/T 596-2021《电力设备预防性试验规程》 | | 只测35kV及以下 | | | | 现场/增项 | |
| **25、高低压开关柜（箱）** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 199 | | | 高压开关柜 | | | 1 | | 外观及内部连接 | | | | | | | | | | | | KA/T 2073-2019《金属非金属矿山在用高压开关设备电气安全检测检验规范》 | |  | | | | 现场/增项 | |
| 2 | | 主回路绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 辅助回路和控制回路绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 断路器导电回路电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 操作控制电压 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 断路器合闸时间、分闸时间和分、合闸同期性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 主回路交流耐压 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 辅助回路和控制回路交流耐压 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 防止误操作功能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 电压抽取（带电显示）装置 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 11 | | 压力表和压力动作阀 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 12 | | 继电保护 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 200 | | | 高压开关设备：交流断路器 | | | 1 | | 绝缘电阻测定 | | | | | | | | | | | | GB 50150-2016《电气装置安装工程 电气设备交接试验标准》  DL/T 596-2021《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| 2 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 导电回路电阻测定 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 合闸时间和分闸时间 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 分合闸同期性、触头开距、合闸时触头的弹跳 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 操动机构分、合闸电磁铁的动作电压 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 测量合闸接触器和分合闸电磁铁线圈的绝缘电阻和直流电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 辅助回路和控制回路交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 真空灭弧室真空度的测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 检查动触头上的软联接  夹片有无松动 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 201 | | | 高压开关设备：继电保护装置 | | | 1 | | 外部检查 | | | | | | | | | | | | GB/T 7261-2016《继电器保护和安全自动装置基本试验方法》  DL/T 995-2016《继电保护和电网安全自动装置检验规程 | |  | | | | 现场/增项 | |
| 2 | | 内部和机械部分 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 绝缘检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 内部辅助电气元件检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 电气性能检验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 重复检查及数据记录 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 202 | | | 高压开关设备：互感器 | | | 1 | | 绝缘电阻 | | | | | | | | | | | | GB 50150-2016《电气装置安装工程 电气设备交接试验标准》  DL/T 596-2021《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| 2 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 介质损耗角tgδ值（％） 试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 一次线圈的直流电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 组别和极性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 绝缘介质性能试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 误差测量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 8 | | 电容式电压互感器的检测 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 9 | | 密封性能检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 10 | | 测量铁芯夹紧螺栓的绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 203 | | | 高压开关设备：高压绝缘子 | | | 1 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 2 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 204 | | | 高压开关设备：高压电力电缆 | | | 1 | | 绝缘电阻试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 2 | | 耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 相位检查 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 205 | | | 高压开关设备：电容器 | | | 1 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 2 | | 介质损耗因数 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 电容值 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 交流耐压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 冲击合闸试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 206 | | | 高压开关设备：金属氧化物避雷器 | | | 1 | | 绝缘电阻 | | | | | | | | | | | | GB 50150-2016《电气装置安装工程电气设备交接试验标准》DL/T 474.5-2018《现场绝缘试验导则 避雷器试验》  DL/T596-2021《电力设备预防性试验规程》 | |  | | | | 现场/增项 | |
| 2 | | 基座绝缘电阻 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 工频参考电压和持续电流 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 直流参考电压和0.75倍直流参考电压下的世漏电流 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 放电计数器动作情况及监视电流表指示 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 工频放电电压试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 207 | | | 低压开关设备：断路器 | | | 1 | | 介电性能 | | | | | | | | | | | | MT/T 829-1999《矿用低压交流真空断路器  》 | |  | | | | 现场/增项 | |
| 2 | | 机械操作性能 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **五、安全监控与通信设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）安全监测监控系统** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **28、监测监控系统** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 208 | | | 通风系统 | | | 1 | | 通风系统风量测定 | | | | | | | | | | | | AQ 2013.3-2008《金属非金属地下矿山通风技术规范 通风系统检测》  AQ 2013.5-2008《金属非金属地下矿山通风技术规范 通风系统鉴定指标》 | |  | | | | 现场 | |
| 2 | | 通风系统风压测定 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 风机主要参数检测 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 矿井通风系统鉴定指标 | | | | | | | | 风量(风速)合格率 | | | |  | | | | 现场 | |
| 风质合格率 | | | |  | | | | 现场 | |
| 作业环境空气质量合格率 | | | |  | | | | 现场 | |
| 有效风量率 | | | |  | | | | 现场 | |
| 风机效率 | | | |  | | | | 现场 | |
| 风量供需比 | | | |  | | | | 现场 | |
| 综合指标 | | | |  | | | | 现场 | |
| 辅助指标 | | | |  | | | | 现场 | |
| 209 | | | 监测监控系统 | | | 1 | | 环境温度 | | | | | | | | | | | | KA/T2053-2016《金属非金属地下矿山监测监控系统通用技术要求》  AQ2031-2011《金属非金属地下矿山监测监控系统建设规范》 | |  | | | | 现场 | |
| 2 | | 环境湿度 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 温度变化率 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 大气压力 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 电源电压偏差 | | | | | | | | | | | |  | | | | 现场 | |
| 6 | | 照明 | | | | | | | | | | | |  | | | | 现场 | |
| 7 | | 噪声 | | | | | | | | | | | |  | | | | 现场 | |
| 8 | | 接地电阻 | | | | | | | | | | | |  | | | | 现场 | |
| 9 | | 系统组成 | | | | | | | | | | | |  | | | | 现场 | |
| 10 | | 中心站主机配置 | | | | | | | | | | | |  | | | | 现场 | |
| 11 | | 备用电源 | | | | | | | | | | | |  | | | | 现场 | |
| 12 | | 系统及配接设备的安标 | | | | | | | | | | | |  | | | | 现场 | |
| 13 | | 主机及终端设备 | | | | | | | | | | | |  | | | | 现场 | |
| 14 | | 监控检测系统管理功能 | | | | | | | | | | | |  | | | | 现场 | |
| 15 | | 有毒有害气体(一氧化碳、二氧化氮)、通风系统软件存储和查询功能 | | | | | | | | | | | |  | | | | 现场 | |
| 16 | | 有毒有害气体(一氧化碳、二氧化氮)、通风系统模拟量采集、显示和报警功能 | | | | | | | | | | | |  | | | | 现场 | |
| 17 | | 图表显示、打印 | | | | | | | | | | | |  | | | | 现场 | |
| 18 | | 人机对话功能 | | | | | | | | | | | |  | | | | 现场 | |
| 19 | | 软件自监视 | | | | | | | | | | | |  | | | | 现场 | |
| 20 | | 软件容错 | | | | | | | | | | | |  | | | | 现场 | |
| 21 | | 实时多任务 | | | | | | | | | | | |  | | | | 现场 | |
| 22 | | 自诊断 | | | | | | | | | | | |  | | | | 现场 | |
| 23 | | 画面响应时间 | | | | | | | | | | | |  | | | | 现场 | |
| 24 | | 一氧化碳气体监（检）测 | | | | | | | | | | | |  | | | | 现场 | |
| 25 | | 二氧化氮气体监（检）测 | | | | | | | | | | | |  | | | | 现场 | |
| 26 | | 通风系统监测 | | | | | | | | | | | |  | | | | 现场 | |
| 27 | | 维护与管理 | | | | | | | | | | | |  | | | | 现场 | |
| **29、人员定位系统** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 210 | | | 金属非金属地下矿山在用人员定位系统 | | | 1 | | 环境条件 | | | | | | | | | | | | KA/T2080-2023《金属非金属地下矿山在用人员定位系统安全检测检验规范》 | |  | | | | 现场 | |
| 2 | | 主要功能 | | | | | | | | | | | |  | | | | 现场 | |
| 3 | | 技术指标 | | | | | | | | | | | |  | | | | 现场 | |
| 4 | | 设备配置与安装 | | | | | | | | | | | |  | | | | 现场 | |
| 5 | | 维护和管理 | | | | | | | | | | | |  | | | | 现场 | |
| **30、监测用仪器仪表** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 211 | | | 携带型电化学式一氧化碳测定器 | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | | MT/T 703-2008《煤矿用携带型电化学式一氧化碳测定器》 | |  | | | | 增项 | |
| 2 | | 基本功能 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 电源及充电功能 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 基本误差和零点漂移 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 报警功能 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 响应时间 | | | | | | | | | | | |  | | | | 增项 | |
| 212 | | | 携带型电化学式氧气测定器 | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | | MT/T 704-2008《煤矿用携带型电化学式氧气测定器》 | |  | | | | 增项 | |
| 2 | | 电源及充电功能 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 基本误差和零点漂移 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 响应时间 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 报警功能 | | | | | | | | | | | |  | | | | 增项 | |
| 213 | | | 电化学式氧气传感器 | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | | MT447-1995《煤矿用电化学式氧气传感器技术条件》 | |  | | | | 增项 | |
| 2 | | 基本误差 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 负载能力 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 响应时间 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 警报功能 | | | | | | | | | | | |  | | | | 增项 | |
| 214 | | | 电化学式一氧化碳传感器 | | | 1 | | 外观与结构检查（不拆检） | | | | | | | | | | | | AQ 6205-2006《煤矿用电化学式一氧化碳传感器》 | |  | | | | 增项 | |
| 2 | | 断电保护措施测试 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 遥控调校功能测试 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 显示值稳定性测定 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 基本误差测定 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 工作电压范围测试 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 传输距离试验 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 响应时间测定 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 报警功能试验 | | | | | | | | | | | |  | | | | 增项 | |
| 10 | | 绝缘电阻检测 | | | | | | | | | | | | 只检新设备常态 | | | | 增项 | |
| 215 | | | 温度  传感器 | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | | MT/T 381-2007《煤矿用温度传感器通用技术条件》 | |  | | | | 增项 | |
| 2 | | 基本误差 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 工作电压 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 工作电流 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 传输距离 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 响应时间 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 绝缘电阻测量 | | | | | | | | | | | | 只检新设备常态 | | | | 增项 | |
| 216 | | | 二氧化碳传感器 | | | 1 | | 外观及结构要求（不拆检） | | | | | | | | | | | | AQ 1052-2008《矿用二氧化碳传感器通用技术条件》 | |  | | | | 增项 | |
| 2 | | 遥控器调校功能 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 显示值稳定性 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 基本误差 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 工作电压范围 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 响应时间 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 报警功能 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 217 | | | 风速表 | | | 1 | | 外观和运动零、部件（不拆检） | | | | | | | | | | | | MT/T 380-2007《煤矿用风速表》 | |  | | | | 增项 | |
| 2 | | 起动风速 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 风速测量范围及误差 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 计时误差 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 连续工作时间 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 风量误差 | | | | | | | | | | | |  | | | | 增项 | |
| 218 | | | 风速  传感器 | | | 1 | | 外壳结构（不拆检） | | | | | | | | | | | | MT/T 448-2008《矿用风速传感器》 | |  | | | | 增项 | |
| 2 | | 基本误差 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 工作电压范围 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 传输距离 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 219 | | | 直读式粉尘浓度测量仪 | | | 1 | | 一般要求 | | | | | | | | | | | | GB/T 20964-2007《粉尘采样器》  MT/T 163-2019《直读式粉尘浓度测量仪通用技术条件》 | |  | | | | 增项 | |
| 2 | | 外观与结构 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 电源及充电功能 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 稳定性相对误差 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 采样流量 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 采样流量误差 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 采样流量稳定性 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 采样时间误差 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 连续工作时间 | | | | | | | | | | | |  | | | | 增项 | |
| 10 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 11 | | 绝缘强度 | | | | | | | | | | | |  | | | | 增项 | |
| 220 | | | 粉尘浓度传感器 | | | 1 | | 外观与结构（不拆检） | | | | | | | | | | | | GB/T 20964-2007《粉尘采样器》  MT/T 1102-2009《煤矿用粉尘浓度传感器》 | |  | | | | 增项 | |
| 2 | | 零位稳定性 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 基本误差 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 传输距离 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 最大启动电流 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 最大工作电流 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 工作噪声 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 221 | | | 粉尘采样器 | | | 1 | | 外观与结构 | | | | | | | | | | | | GB/T 20964-2007《粉尘采样器》 | |  | | | | 增项 | |
| 2 | | 采样流量 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 采样流量误差 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 采样流量稳定性 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 负载能力 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 连续工作时间 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 工作噪声 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 采样头气密性 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 流量计准确度 | | | | | | | | | | | |  | | | | 增项 | |
| 10 | | 采样时间误差 | | | | | | | | | | | |  | | | | 增项 | |
| 11 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 12 | | 绝缘强度 | | | | | | | | | | | |  | | | | 增项 | |
| 13 | | 采样口流速 | | | | | | | | | | | |  | | | | 增项 | |
| 14 | | 采样准确度 | | | | | | | | | | | |  | | | | 增项 | |
| 222 | | | 差压传感器 | | | 1 | | 基本误差 | | | | | | | | | | | | MT/T 393-1995 《矿用差压传感器通用技术条件》 | |  | | | | 增项 | |
| 2 | | 传输距离 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 重复性 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 回程误差 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 密封性 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 过载性能 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 电源波动性 | | | | | | | | | | | |  | | | | 增项 | |
| 223 | | | 烟雾传感器 | | | 1 | | 外观及结构（不拆检） | | | | | | | | | | | | MT/T 382-2011 《矿用烟雾传感器通用技术条件》 | |  | | | | 增项 | |
| 2 | | 主要技术参数（灵敏度  和响应时间） | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 传输距离 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 224 | | | 硫化氢检测报警仪 | | | 1 | | 外观结构检查 | | | | | | | | | | | | MT/T 1084-2008《煤矿用硫化氢检测报警仪》 | |  | | | | 增项 | |
| 2 | | 充电功能检查 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 基本误差试验 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 报警误差试验 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 声级强度试验 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 光信号观测 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 响应时间试验 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 工作位置变动试验 | | | | | | | | | | | |  | | | | 增项 | |
| 225 | | | 硫化氢传感器 | | | 1 | | 外观及结构 | | | | | | | | | | | | MT/T 1084-2008《煤矿用硫化氢检测报警仪》 | |  | | | | 增项 | |
| 2 | | 基本误差试验 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 报警性能试验 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 响应时间试验 | | | | | | | | | | | |  | | | | 增项 | |
| 226 | | | 金属非金属矿山气体检测报警仪 | | | 1 | | 外观及结构检查 | | | | | | | | | | | | GB 12358-2024《作业场所环境气体检测报警仪通用技术要求》 | | 只检金属非金属矿山氮氧化物检测报警仪。 | | | | 增项 | |
| 2 | | 示值误差 | | | | | | | | | | | | 增项 | |
| 3 | | 仪器漂移 | | | | | | | | | | | | 增项 | |
| 4 | | 报警误差 | | | | | | | | | | | | 增项 | |
| 5 | | 响应时间 | | | | | | | | | | | | 增项 | |
| 227 | | | 开停传感器 | | | 1 | | 外观质量 | | | | | | | | | | | | MT/T 647-1997 《煤矿用设备开停传感器》 | |  | | | | 增项 | |
| 2 | | 绝缘电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 工频耐压 | | | | | | | | | | | | 只测常态 | | | | 增项 | |
| 4 | | 动作值 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 响应时间 | | | | | | | | | | | |  | | | | 增项 | |
| 228 | | | 位移传感器 | | | 1 | | 外观及结构检查 | | | | | | | | | | | | MT/T 1109-2011《矿用位移传感器通用技术条件》 | |  | | | | 增项 | |
| 2 | | 位移力 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 基本误差 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 重复性 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 回程误差 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 报警功能 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 传输距离 | | | | | | | | | | | |  | | | | 增项 | |
| **八、救生设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **35、自救器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 229 | | | 压缩氧自救器 | | | 1 | | 结构设计 | | | | | | | | | | | | GB24502-2023《煤矿用自救器》 | |  | | | | 现场/增项 | |
| 2 | | 高压系统气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 正压气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 负压气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 定量供氧量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 呼吸系统取出力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 7 | | 封印条或挂钩开启力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **36、呼吸器** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 230 | | | 矿用隔绝式正压氧气呼吸器 | | | 1 | | 气密性 | | | | | | | | | | | | MT/T867-2000《隔绝式正压氧气呼吸器》 | |  | | | | 现场/增项 | |
| 2 | | 自动补给阀开启压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 排气阀开启压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 定量供氧量 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 231 | | | 自动苏生器 | | | 1 | | 外观检查 | | | | | | | | | | | | MT/T 949-2005《煤矿用自动苏生器》 | |  | | | | 现场/增项 | |
| 2 | | 高压系统气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 3 | | 低压系统气密性 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 4 | | 自动肺充气压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 5 | | 自动肺抽气压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 6 | | 吸痰引射压力 | | | | | | | | | | | |  | | | | 现场/增项 | |
| 批准的业务范围 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 场所：重庆市九龙坡区渝州路59号“石桥广场3F-C303”  地址：重庆市九龙坡区渝州路59号“石桥广场门面31-35号” | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Ⅰ、煤矿矿用产品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **四、提升、运输、起重设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）提升设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **41、矿用钢丝绳** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | 煤矿用  密封钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | YB/T5295-2010《密封钢丝绳》 | |  | | | |  | |
| 2 | | 钢丝尺寸 | | | | | | | | | | | |  | | | |  | |
| 3 | | 破断拉力 | | | | | | | | | | | |  | | | |  | |
| 4 | | 抗拉强度 | | | | | | | | | | | |  | | | |  | |
| 5 | | 反复弯曲次数 | | | | | | | | | | | |  | | | |  | |
| 6 | | 扭转次数 | | | | | | | | | | | |  | | | |  | |
| 2 | | | 煤矿用  压实股钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | YB/T5359-2020《压实股钢丝绳》 | |  | | | |  | |
| 2 | | 破断拉力 | | | | | | | | | | | |  | | | |  | |
| 3 | | 反复弯曲次数 | | | | | | | | | | | |  | | | |  | |
| 4 | | 扭转次数 | | | | | | | | | | | |  | | | |  | |
| 5 | | 低值钢丝根数 | | | | | | | | | | | |  | | | |  | |
| 3 | | | 煤矿用  平衡用扁钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | GB/T20119-2023《平衡用扁钢丝绳》 | |  | | | |  | |
| 2 | | 破断拉力 | | | | | | | | | | | |  | | | |  | |
| 3 | | 反复弯曲次数 | | | | | | | | | | | |  | | | |  | |
| 4 | | 扭转次数 | | | | | | | | | | | |  | | | |  | |
| 4 | | | 煤矿用  重要用途钢丝绳 | | | 1 | | 钢丝直径 | | | | | | | | | | | | MT/T716-2019《煤矿重要用途钢丝绳验收技术条件》  MT/T717-2019《煤矿重要用途在用钢丝绳性能测定方法及判定规则》  《煤矿安全规程》（2022） | |  | | | |  | |
| 2 | | 钢丝破断拉力 | | | | | | | | | | | |  | | | |  | |
| 3 | | 反复弯曲 | | | | | | | | | | | |  | | | |  | |
| 4 | | 扭转 | | | | | | | | | | | | 只检新绳悬挂前 | | | |  | |
| 5 | | 不合格钢丝断面积 | | | | | | | | | | | |  | | | |  | |
| 6 | | 安全系数 | | | | | | | | | | | |  | | | |  | |
| 5 | | | 煤矿用  一般用途钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | GB/T20118-2017《钢丝绳通用技术》 | |  | | | | 增项 | |
| 2 | | 钢丝直径 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 钢丝破断拉力总和 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 钢丝抗拉强度 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 钢丝反复弯曲次数 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 钢丝扭转次数 | | | | | | | | | | | |  | | | | 增项 | |
| **五、煤矿用非金属制品及材料** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）非金属制品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **57、输送带** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | 煤矿用  织物芯阻燃输送带 | | | 1 | | 阻燃带宽度极限偏差 | | | | | | | | | | | | MT/T914-2019《煤矿用织物芯阻燃输送带》 | |  | | | |  | |
| 2 | | 覆盖层厚度 | | | | | | | | | | | |  | | | |  | |
| 3 | | 拉伸强度 | | | | | | | | | | | |  | | | |  | |
| 4 | | 拉断伸长率 | | | | | | | | | | | |  | | | |  | |
| 5 | | 撕裂力 | | | | | | | | | | | |  | | | |  | |
| 6 | | 黏合强度 | | | | | | | | | | | |  | | | |  | |
| 7 | | 表面电阻值 | | | | | | | | | | | |  | | | |  | |
| 8 | | 滚筒摩擦试验 | | | | | | | | | | | |  | | | |  | |
| 9 | | 酒精喷灯燃烧试验 | | | | | | | | | | | |  | | | |  | |
| 7 | | | 煤矿用  钢丝绳芯阻燃输送带 | | | 1 | | 宽度 | | | | | | | | | | | | MT/T668-2019《煤矿用钢丝绳芯阻燃输送带》 | |  | | | |  | |
| 2 | | 覆盖层厚度 | | | | | | | | | | | |  | | | |  | |
| 3 | | 表面电阻 | | | | | | | | | | | |  | | | |  | |
| 5 | | 滚筒摩擦性能 | | | | | | | | | | | |  | | | |  | |
| 6 | | 喷灯燃烧性能 | | | | | | | | | | | |  | | | |  | |
| **58、非金属管材** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | 煤矿用  井下用橡胶管 | | | 1 | | 阻燃性能 | | | | | | | | | | | | MT/T191-1989《煤矿井下用橡胶管安全性能检验规范》 | |  | | | |  | |
| 2 | | 导电性能 | | | | | | | | | | | |  | | | |  | |
| 9 | | | 煤矿用  井下用塑料管 | | | 1 | | 酒精喷灯火焰燃烧试验 | | | | | | | | | | | | MT/T181-1988《煤矿井下用塑料管安全性能检验规范》 | |  | | | |  | |
| 2 | | 导电性能试验 | | | | | | | | | | | |  | | | |  | |
| 10 | | | 煤矿用  井下用聚乙烯管材 | | | 1 | | 外观 | | | | | | | | | | | | MT/T558.1-2005《煤矿井下用塑料管材第 1 部分：聚乙烯管材》 | |  | | | |  | |
| 2 | | 表面电阻 | | | | | | | | | | | |  | | | |  | |
| 3 | | 酒精喷灯 | | | | | | | | | | | |  | | | |  | |
| 11 | | | 煤矿用井下用聚氯乙烯管材 | | | 1 | | 外观 | | | | | | | | | | | | MT/T558.2-2005《煤矿井下用塑料管材第 2 部分：聚氯乙烯管材》 | |  | | | |  | |
| 2 | | 表面电阻 | | | | | | | | | | | |  | | | |  | |
| 3 | | 酒精喷灯 | | | | | | | | | | | |  | | | |  | |
| 12 | | | 煤矿用非金属瓦斯输送管材 | | | 1 | | 阻燃性能 | | | | | | | | | | | | AQ1071-2009《煤矿用非金属瓦斯输送管材安全技术要求》 | |  | | | |  | |
| 2 | | 抗静电性能 | | | | | | | | | | | |  | | | |  | |
| 13 | | | 煤矿用液压支架用软管及软管总成 | | | 1 | | 阻燃试验 | | | | | | | | | | | | MT/T98-2006《液压支架用软管及软管总成检验规范》 | |  | | | |  | |
| 2 | | 抗静电试验 | | | | | | | | | | | |  | | | |  | |
| **60、风筒** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | 煤矿用  风筒涂覆布 | | | 1 | | 幅宽或直径 | | | | | | | | | | | | GB/T20105-2006《风筒涂覆布》 | |  | | | |  | |
| 2 | | 厚度 | | | | | | | | | | | |  | | | |  | |
| 3 | | 外观质量 | | | | | | | | | | | |  | | | |  | |
| 4 | | 经、纬向扯断强力 | | | | | | | | | | | |  | | | |  | |
| 5 | | 经、纬向撕裂力 | | | | | | | | | | | |  | | | |  | |
| 6 | | 粘附强度 | | | | | | | | | | | |  | | | |  | |
| 7 | | 抗静电性 | | | | | | | | | | | |  | | | |  | |
| 8 | | 酒精喷灯燃烧 | | | | | | | | | | | |  | | | |  | |
| 9 | | 酒精灯燃烧 | | | | | | | | | | | |  | | | |  | |
| 15 | | | 煤矿用  风筒 | | | 1 | | 阻燃性能 | | | | | | | | | | | | MT/T164-2019《矿用涂覆布风筒技件术条》 | |  | | | | 增项 | |
| 2 | | 抗静电性能 | | | | | | | | | | | |  | | | | 增项 | |
| **60、（二）反应型高分子材料** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | 煤矿用  加固、堵水、填充和喷涂用高分子材料 | | | 1 | | 阻燃性能 | | | | | | | | | | | | AQ1116-2020《煤矿用加固、堵水、填充和喷涂用高分子材料通用安全技术规范》  MT/T113-1995《煤矿井下用聚合物制品阻燃抗静电性 通用试验方法和判定规则》 | |  | | | | 增项 | |
| 2 | | 表面电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 17 | | | 煤矿用  充填密闭用高分子发泡材料 | | | 1 | | 阻燃性能 | | | | | | | | | | | | KA/T1090-2020《煤矿充填密闭用高分子发泡材料》 | |  | | | | 增项 | |
| 18 | | | 煤矿用  加固煤岩体用高分子材料 | | | 1 | | 闪点 | | | | | | | | | | | | GB/T 3536-2008《石油产品闪点和燃点的测定 克利夫兰开口杯法》  KA/T1089-2020《煤矿加固煤岩体用高分子材料》 | |  | | | | 增项 | |
| 2 | | 阻燃性能 | | | | | | | | | | | |  | | | | 增项 | |
| **62、（四）阻燃线缆** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | 煤矿用  电力电缆 | | | 1 | | 负载条件下的燃烧试验 | | | | | | | | | | | | GB 43069-2023《矿用电缆安全技术要求》  MT/T386-2011《煤矿用电缆阻燃性能的试验方法和判定规则》 | |  | | | | 现场/增项 | |
| 2 | | 单根电线电缆垂直燃烧试验 | | | | | | | | | | | |  | | | | 现场/增项 | |
| **七、采掘、支护设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（二）支护设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **76、锚杆（索）** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | 煤矿用  锚索（杆） | | | 1 | | 外观质量 | | | | | | | | | | | | MT/T942-2005《矿用锚索》 | |  | | | | 增项 | |
| 2 | | 几何尺寸 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 锚具表面硬度 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 矿用锚索用钢纹线的最大力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 锚索静载荷性能 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 抗拔力 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 托板承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 21 | | | 煤矿用  锚固剂 | | | 1 | | 证书检查 | | | | | | | | | | | | MT/T146.1-2011《树脂锚杆第一部分:锚固剂》 | |  | | | | 增项 | |
| 2 | | 外观 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 直径、长度偏差 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 树脂胶泥稠度 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 固胶比 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 凝胶时间 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 抗压强度 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 抗拔力 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 锚固力 | | | | | | | | | | | |  | | | | 增项 | |
| 10 | | 热稳定性能 | | | | | | | | | | | |  | | | | 增项 | |
| 22 | | | 煤矿用  水泥锚杆 | | | 1 | | 尺寸及外观 | | | | | | | | | | | | MT/T218-2002《水泥锚杆杆体》 | |  | | | | 增项 | |
| 2 | | 杆体力学性能 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 托板承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 23 | | | 煤矿用  树脂锚杆金属杆体 | | | 1 | | 杆体和附件几何尺寸 | | | | | | | | | | | | MT/T146.2-2011《树脂锚杆第2部分:金属杆体及其附件》 | |  | | | | 增项 | |
| 2 | | 屈服强度与延伸率 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 螺母组装件承载效率系数 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 托板承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 锚固力 | | | | | | | | | | | |  | | | | 增项 | |
| 24 | | | 煤矿用  树脂锚杆玻璃纤维增强塑料杆体 | | | 1 | | 几何尺寸及偏差 | | | | | | | | | | | | MT/T1061-2008《树脂锚杆玻璃纤维增强塑料杆体及附件》 | |  | | | | 增项 | |
| 2 | | 抗拉强度 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 锚固力 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 尾部连接部位、尾部螺纹及螺母承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 托盘承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 抗静电性能 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 阻燃性 | | | | | | | | | | | |  | | | | 增项 | |
| **Ⅱ、非煤地下矿山矿用产品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **二、提升运输设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）提升设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3、矿用钢丝绳** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | 密封  钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | YB/T5295-2010《密封钢丝绳》 | |  | | | | 增项 | |
| 2 | | 钢丝尺寸 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 破断拉力 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 抗拉强度 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 反复弯曲次数 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 扭转次数 | | | | | | | | | | | |  | | | | 增项 | |
| 26 | | | 压实股钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | YB/T5359-2020《压实股钢丝绳》 | |  | | | | 增项 | |
| 2 | | 破断拉力 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 反复弯曲次数 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 扭转次数 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 低值钢丝根数 | | | | | | | | | | | |  | | | | 增项 | |
| 27 | | | 平衡用扁钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | GB/T20119-2023《平衡用扁钢丝绳》 | |  | | | | 增项 | |
| 2 | | 破断拉力 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 反复弯曲次数 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 扭转次数 | | | | | | | | | | | |  | | | | 增项 | |
| 28 | | | 金属非金属矿山提升钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | GB 16423-2020《金属非金属矿山安全规程》  AQ2026-2010《金属非金属矿山提升钢丝绳检验规范》 | |  | | | |  | |
| 2 | | 不松散（平衡用扁钢丝绳除外） | | | | | | | | | | | |  | | | |  | |
| 3 | | 拆股钢丝的直径 | | | | | | | | | | | |  | | | |  | |
| 4 | | 拆股钢丝的表面状态 | | | | | | | | | | | |  | | | |  | |
| 5 | | 拆股钢丝抗拉强度 | | | | | | | | | | | |  | | | |  | |
| 6 | | 钢丝破断拉力 | | | | | | | | | | | |  | | | |  | |
| 7 | | 反复弯曲 | | | | | | | | | | | |  | | | |  | |
| 8 | | 扭转 | | | | | | | | | | | |  | | | |  | |
| 9 | | 不合格钢丝断面积 | | | | | | | | | | | |  | | | |  | |
| 10 | | 安全系数 | | | | | | | | | | | |  | | | |  | |
| 29 | | | 一般用途钢丝绳 | | | 1 | | 钢丝绳直径 | | | | | | | | | | | | GB/T20118-2017《钢丝绳通用技术》 | |  | | | | 增项 | |
| 2 | | 钢丝直径 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 钢丝破断拉力总和 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 钢丝抗拉强度 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 钢丝反复弯曲次数 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 钢丝扭转次数 | | | | | | | | | | | |  | | | | 增项 | |
| **三、采矿、通风及排水设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **（一）采掘支护设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **17、锚杆（索）** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | 矿用锚索（杆） | | | 1 | | 外观质量 | | | | | | | | | | | | MT/T942-2005《矿用锚索》 | |  | | | | 增项 | |
| 2 | | 几何尺寸 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 锚具表面硬度 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 矿用锚索用钢纹线的最大力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 锚索静载荷性能 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 抗拔力 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 托板承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 31 | | | 矿用  锚固剂 | | | 1 | | 证书检查 | | | | | | | | | | | | MT/T146.1-2011《树脂锚杆第一部分:锚固剂》 | |  | | | | 增项 | |
| 2 | | 外观 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 直径、长度偏差 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 树脂胶泥稠度 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 固胶比 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 凝胶时间 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 抗压强度 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 抗拔力 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 锚固力 | | | | | | | | | | | |  | | | | 增项 | |
| 10 | | 热稳定性能 | | | | | | | | | | | |  | | | | 增项 | |
| 32 | | | 矿用  水泥锚杆 | | | 1 | | 尺寸及外观 | | | | | | | | | | | | MT/T218-2002《水泥锚杆杆体》 | |  | | | | 增项 | |
| 2 | | 杆体力学性能 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 托板承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 33 | | | 矿用树脂锚杆金属杆体 | | | 1 | | 杆体和附件几何尺寸 | | | | | | | | | | | | MT/T146.2-2011《树脂锚杆第2部分:金属杆体及其附件》 | |  | | | | 增项 | |
| 2 | | 屈服强度与延伸率 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 螺母组装件承载效率系数 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 托板承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 锚固力 | | | | | | | | | | | |  | | | | 增项 | |
| 34 | | | 矿用树脂锚杆玻璃纤维增强塑料杆体 | | | 1 | | 几何尺寸及偏差 | | | | | | | | | | | | MT/T1061-2008《树脂锚杆玻璃纤维增强塑料杆体及附件》 | |  | | | | 增项 | |
| 2 | | 抗拉强度 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 锚固力 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 尾部连接部位、尾部螺纹及螺母承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 托盘承载力 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 抗静电性能 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 阻燃性 | | | | | | | | | | | |  | | | | 增项 | |
| **六、阻燃制品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **33、阻燃制品** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | 风筒 | | | 1 | | 阻燃性能 | | | | | | | | | | | | MT/T164-2019 《矿用涂覆布风筒通用技术条件》 | |  | | | | 增项 | |
| 2 | | 抗静电性能 | | | | | | | | | | | |  | | | | 增项 | |
| 36 | | | 风筒涂覆布 | | | 1 | | 幅宽或直径 | | | | | | | | | | | | GB/T20105-2006《风筒涂覆布》 | |  | | | | 增项 | |
| 2 | | 厚度 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 外观质量 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 经、纬向扯断强力 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 经、纬向撕裂力 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 粘附强度 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 抗静电性 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 酒精喷灯燃烧 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 酒精灯燃烧 | | | | | | | | | | | |  | | | | 增项 | |
| 37 | | | 阻燃线缆 | | | 1 | | 负载条件下的燃烧试验 | | | | | | | | | | | | GB 43069-2023《矿用电缆安全技术要求》  MT/T386-2011《煤矿用电缆阻燃性能的试验方法和判定规则》 | |  | | | | 增项 | |
| 2 | | 单根电线电缆垂直燃烧试验 | | | | | | | | | | | |  | | | | 增项 | |
| 1 | | 单根阻燃性能 | | | | | | | | | | | | GB/T 19666-2019《阻燃和耐火电线电缆或光缆通则》 | |  | | | |  | |
| 38 | | | 织物芯阻燃输送带 | | | 1 | | 阻燃带宽度极限偏差 | | | | | | | | | | | | MT/T 914-2019《煤矿用织物芯阻燃输送带》 | |  | | | | 增项 | |
| 2 | | 覆盖层厚度 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 拉伸强度 | | | | | | | | | | | |  | | | | 增项 | |
| 4 | | 拉断伸长率 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 撕裂力 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 黏合强度 | | | | | | | | | | | |  | | | | 增项 | |
| 7 | | 表面电阻值 | | | | | | | | | | | |  | | | | 增项 | |
| 8 | | 滚筒摩擦试验 | | | | | | | | | | | |  | | | | 增项 | |
| 9 | | 酒精喷灯燃烧试验 | | | | | | | | | | | |  | | | | 增项 | |
| 39 | | | 钢丝绳芯阻燃输送带 | | | 1 | | 宽度 | | | | | | | | | | | | MT/T 668-2019《煤矿用钢丝绳芯阻燃输送带》 | |  | | | | 增项 | |
| 2 | | 覆盖层厚度 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 表面电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 5 | | 滚筒摩擦性能 | | | | | | | | | | | |  | | | | 增项 | |
| 6 | | 喷灯燃烧性能 | | | | | | | | | | | |  | | | | 增项 | |
| 40 | | | 矿用橡胶管 | | | 1 | | 阻燃性能 | | | | | | | | | | | | MT/T 191-1989《煤矿井下用橡胶管安全性能检验规范》 | |  | | | | 增项 | |
| 2 | | 导电性能 | | | | | | | | | | | |  | | | | 增项 | |
| 41 | | | 塑料管 | | | 1 | | 酒精喷灯火焰燃烧试验 | | | | | | | | | | | | MT/T 181-1988《煤矿井下用塑料管安全性能检验规范》 | |  | | | | 增项 | |
| 2 | | 导电性能试验 | | | | | | | | | | | |  | | | | 增项 | |
| 42 | | | 聚乙烯管材 | | | 1 | | 外观 | | | | | | | | | | | | MT/T 558.1-2005《煤矿井下用塑料管材第 1 部分：聚乙烯管材》 | |  | | | | 增项 | |
| 2 | | 表面电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 酒精喷灯 | | | | | | | | | | | |  | | | | 增项 | |
| 43 | | | 聚氯乙烯管材 | | | 1 | | 外观 | | | | | | | | | | | | MT/T 558.2-2005《煤矿井下用塑料管材第 2 部分：聚氯乙烯管材》 | |  | | | | 增项 | |
| 2 | | 表面电阻 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 酒精喷灯 | | | | | | | | | | | |  | | | | 增项 | |
| 44 | | | 液压支架用软管及软管总成 | | | 1 | | 阻燃试验 | | | | | | | | | | | | MT/T 98-2006《液压支架用软管及软管总成检验规范》 | |  | | | | 增项 | |
| 2 | | 抗静电试验 | | | | | | | | | | | |  | | | | 增项 | |
| 45 | | | 玻璃钢制品（电缆桥架,梯子间）安全性 | | | 1 | | 阻燃性 | | | | | | | | | | | | GB 16413-2009《煤矿井下用玻璃钢制品安全性能检验规范》 | |  | | | | 增项 | |
| 2 | | 抗静电性 | | | | | | | | | | | |  | | | | 增项 | |
| 46 | | | 聚合物制品 | | | 1 | | 酒精喷灯燃烧试验 | | | | | | | | | | | | MT/T 113-1995《煤矿井下用聚合物制品阻燃抗静电性 通用试验方法和判定规则》 | |  | | | | 增项 | |
| 2 | | 酒精灯燃烧试验 | | | | | | | | | | | |  | | | | 增项 | |
| 3 | | 表面电阻试验 | | | | | | | | | | | |  | | | | 增项 | |
| **III、煤矿在用安全设备** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **12、非金属材料（除电缆、输送带、风筒外)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | 煤矿用  隔爆水槽和隔爆水袋 | | | 1 | | 坠落试验 | | | | | | | | | | | | MT/T157-1996《煤矿用隔爆水槽和隔爆水袋通用技术条件》 | |  | | | |  | |
| 2 | | 表面电阻值 | | | | | | | | | | | |  | | | |  | |
| 3 | | 阻燃性能试验 | | | | | | | | | | | |  | | | |  | |
| 48 | | | 煤矿用  托辊 | | | 1 | | 表面电阻 | | | | | | | | | | | | MT/T821-2006《煤矿用带式输送机托辊技术条件》 | |  | | | |  | |
| 2 | | 阻燃性能 | | | | | | | | | | | |  | | | |  | |
| 49 | | | 煤矿用  聚合物制品 | | | 1 | | 酒精喷灯燃烧试验 | | | | | | | | | | | | MT/T113-1995《煤矿井下用聚合物制品阻燃抗静电性 通用试验方法和判定规则》 | |  | | | |  | |
| 2 | | 酒精灯燃烧试验 | | | | | | | | | | | |  | | | |  | |
| 3 | | 表面电阻试验 | | | | | | | | | | | |  | | | |  | |
| 50 | | | 煤矿用  带式输送机滚筒用包覆层 | | | 1 | | 导电性能（表面电阻） | | | | | | | | | | | | MT/T962-2019《煤矿带式输送机滚筒用包覆层》 | |  | | | |  | |
| 2 | | 阻燃性能 | | | | | | | | | | | |  | | | |  | |
| 51 | | | 煤矿用  玻璃钢制品（电缆桥架,梯子间）安全性 | | | 1 | | 阻燃性 | | | | | | | | | | | | GB16413-2009《煤矿井下用玻璃钢制品安全性能检验规范》 | |  | | | |  | |
| 2 | | 抗静电性 | | | | | | | | | | | |  | | | |  | |
| 批准的授权签字人及授权签字领域 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 序号 | | | | 姓名 | | | | | | | | | | 授权签字领域 | | | | | | | | | | | | | |
| 1 | | | | 孙化莹 | | | | | | | | | | 煤矿矿用产品、金属非金属矿山矿用产品、煤矿在用安全设备 | | | | | | | | | | | | | |
| 2 | | | | 杨毕君 | | | | | | | | | | 煤矿矿用产品、金属非金属矿山矿用产品、煤矿在用安全设备 | | | | | | | | | | | | | |
| 3 | | | | 邹金鹏 | | | | | | | | | | 煤矿矿用产品、金属非金属矿山矿用产品、煤矿在用安全设备 | | | | | | | | | | | | | |
| 4 | | | | 于小燕 | | | | | | | | | | 煤矿矿用产品、金属非金属矿山矿用产品、煤矿在用安全设备 | | | | | | | | | | | | | |
| 机构违法受处罚信息（初次申请不填写） | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 违法事实 | | | | | | | | | 处罚决定 | | | | | | | | | 处罚时间 | | | | | | 执法机关 | | | |
|  | | | | | | | | |  | | | | | | | | |  | | | | | |  | | | |
|  | | | | | | | | |  | | | | | | | | |  | | | | | |  | | | |