0.2级高精度矩阵皮带秤在输煤贸易计量中的应用 【上架时间： 2023-03-30】

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【标题】0.2级高精度矩阵皮带秤在输煤贸易计量中的应用

【Title】Application of 0.2 high precision matrix belt balance in coal transport trade measurement

【摘要】重庆钢铁股份有限公司原料泊位为斜坡形式，采用传统方式水尺结算，重大误差来源有水尺视觉差、水温及水的密度变化、压舱物，具有2%~5%的偏差基础性，对于目前运煤或矿石，质量偏差影响巨大。导致燃煤数据偏差大给重钢带来较大的经济损失。采用0.2级高精度智控矩阵皮带秤进行改造，实现高精度、高准确性、高稳定性，采用双套高精度皮带秤连续安装，数据相互比对，并用智能软件将高精度皮带秤远程控制，实时在线监测皮带秤运行，确保皮带秤始终保持0.2级精度。数据同时接入重钢管理系统，与PLMS、PSCS对接，实现精确贸易结算。

【Abstract】The raw material berth of Chongqing Iron and Steel Co., Ltd. is in the form of slope, and the traditional method of water scale settlement is adopted. The major errors come from the poor vision of water scale, the change of water temperature and water density, and the ballast, with a basic deviation of 2%-5%, which has a huge impact on the quality deviation of coal or ore transportation. Leading to large deviation of coal - burning data to bring large economic losses. With magnitude 0.2 high precision intelligence control matrix modification of belt scale, high precision, high accuracy, high stability, with double set of high-precision belt scale continuous installation, data than each other, and intelligent software will high-precision belt scale remote control, real-time online monitoring of belt scale operation, ensure the belt scale always stay 0.2 accuracy. At the same time, the data is connected to the management system of Chonggang, which is connected with PLMS and PSCS to achieve accurate trade settlement.

【关键词】皮带秤改造；贸易计量；准确计量；远程控制；双秤对比

【Keywords】Belt scale transformation; Trade measurement; Accurate measurement; The remote control； Double scale contrast

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【来源】2022年中国电机工程学会年会论文集

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