

GAS CYLINDERS INFORMATION SYSTEM DESIGN AND IMPLEMENTATION BASED ON WSN

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Abstract

In this article, the gas cylinder filling status of the industry were analyzed. Traditional management for the industry in safety, efficiency, timeliness, reliability, convenience and other aspects of the issue, The use of metal-ceramic composite cylinder identification bar code technology, the use of technology to achieve WSN refillable cylinders, sale, transfer of part of the periodic inspection and other distributed monitoring. Gives the overall system architecture and key hardware module design and system implementation and application of results.

Keywords: WSN; gas cylinders; information system

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