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Abstract

Graphical representation over web were required for remote monitoring of the cool-down measurements at identified locations inside a cryostat for testing mechanical components at liquid nitrogen temperatures. The temperature measurements at pre-defined locations using temperature sensors and data logger are stored in database. A front-end in Java is developed to display the cool-down measurements in graphical format over web. Study were done to resolve the Compatibility issue with reference to graph-plotting libraries in java. The graph was

initially plotted using the values observed from a single sensor and storing the values in a text file. Later facility to select sensor at particular location and storing of data in Mysql database was incorporated. Monitoring of the cool-down measurements is done from remote location inside the network.

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Index Terms

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Keywords

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