ABSTRACT

MATERIALS MANIFOLD CLASSIFICATION USING DATA BASE MYSQL AT PT. ALSTOM POWER ENERGY SYSTEM INDONESIA

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Classification standard of materials in a production process can increase work efficiency in industrial world, especially in terms of time efficiency and cost. Along the development in technology, the selection method of classification standard is something that need to be considered by the industrial companies in the design and manufacture of manifold on the HRSG (Boiler).

The selection method that will be used as a medium to classify the material standard of manifold on the HRSG is MySql DataBase. In this Field Project, the writer interested in trying to create a MySQL DataBase using MySQL software from the material data that already exists on several projects to work on the next projects.

The results of this paper shows that by using MySql DataBase on classification of data material manifold, the existing data can be classified in a good structured way. Thus data can be maintained, safer and easier to use at any time to find out information about what materials are used and can become a benchmark for future projects to become more efficient. In addition, MySQL database covers all information regarding the use of standard materials and components to become easy and accessible.

Keywords: HRSG, Manifold, Project, Database, MySql