

ABSTRACT

IMPLEMENTATION TECHNIQUE OF TRESTLE PILE FOUNDATION IN THE DEVELOPMENT AND DEVELOPMENT PROJECT OF BATAM PRIVATE VESSELS

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In general, the understanding of the foundation is a building structure located at the bottom of a construction building, which has the function of channeling or transferring loads that are on it to hard soil or rocks. For this reason, a foundation must be designed and calculated correctly so that the building supported by the foundation does not collapse. In general, the type of foundation can be divided into 2 (two), namely shallow foundation and deep foundation. In the bulk dock construction project, the deep foundation is very suitable because the construction of the pier is a heavy construction.

The author conducts Job Training activities in one of the companies engaged in the field of construction in Batam, namely PT. Jaya Multi Karya, which the company has several projects in Batam, one of which is the Batam Kabil Bulk Pier Development and Development Project located in Nongsa sub-district. The purpose and objective of this practical work activity is to analyze the engineering implementation of the design in the trestle area on the bulk kabil dock construction project. Approximately 3 months the author will carry out Field Work Practices from March 23, 2019 to June 23, 2019.

Keywords: foundation, trestle, erection, bulk dock