

ANALISIS KELEMAHAN SISTIM BLOCK PADAPROSES PEMBANGUNAN KAPAL BARU

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Abstrak

PT. DOK KODJA BAHAR Imerupakan sebuah perusahaan yang bergerak di bidang, pembuatan kapal baru, reparasi kapal, dan jasa pemeliharaan kapal untuk mendukung pembangunan angkutan laut nasional maupun internasional serta menjadi pusat pengembangan industri maritime di Indonesia, Oleh karena itu perlu pendalaman lebih lanjut untuk mengetahui pembuatan bangunan kapal baru dengan system block yang di satukan menjadi kesatuan utuh (joint erection) , joint erection adalah pekerjaan terakhir dalam pembuatan badan kapal. Proses ini melakukan penyambungan antar block (section) 1 dengan Section yang lainnya dari bagian kapal antar block yang sebelumnya telah dikerjakan pada proses assembly. Dalam industri perkapalan menggunakan sistem block yang disatukan dengan metode joint erection sudah sering di lakukan di galangan – galangan besar di indonesia. Dimana metode joint erection memiliki beberapa ke untungan dan kekurangan bagi galangan / PT. Dok Kodja Bahari. Dalam menyambungan komponen – komponen konstruksi kapal, pada industri perkapalan lebih diutamakan pemakaian las listrik, dikarenakan cara pengoprasiaannya mudah serta hemat, dan di bantu dengan alat berat jenis crane. Adapun penghambat joint erection yang di sebabkan beberapa factor, antara lain factor alat, workshop, dan sumber daya manusia. Sehingga berdampak buruk bagi PT. Dok Kodja Bahari.

Kata Kunci : Sistim Block, Faktor Penghambat Joint Erection, Dampak Penghambat Joint Erection

WEAKNESSES ANALYSIS SYSTEM BLOCK IN THE PROCESS OF DEVELOPMENT SHIP NEW

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Abstract

PT. DOK Kodja Bahari is a company engaged in the field, new shipbuilding, ship repair, and ship maintenance services to support the development of sea transport nationally and internationally as well as being the center of the development of the maritime industry in Indonesia, Therefore it is necessary to determine the further deepening manufacture of building new ships with the system block that is united into a unified whole (joint erection), Joint erection is the last work in the manufacture of the hull. This process of making a connection between the block (section) 1 and Section other than inter-block part of the ship that had previously been done in the assembly process. In the shipping industry uses block system that incorporates the joint erection method has often done in the shipyard - a large shipyard in Indonesia. Where the joint erection method has some advantage and disadvantages to the shipyard / PT. Dok Kodja Bahari. In joint components - components of the ship's construction, the shipping industry is preferred the use of electric welding, due to how easy and efficient power, and assisted with heavy equipment crane. The joint erection in hibitor that caused a number of factors, among other factors tools, workshops, and human resources. So bad for PT. Dok Kodja Bahari.

Keywords: System Block, Obstacles Joint Erection, Erection Joint in hibitors Impact