Kajian risiko keselamatan kerja pada proses overhaul tanki timbun L3 di PT. PERTAMINA (Persero) Refinery Unit III Plaju Sungai Gerong Palembang tahun 2011 = Safety risk assessment work in process overhaul accumulation tank L3 in PT. PERTAMINA (Persero) Refinery Unit III Plaju Gerong river Palembang 2011

Abstrak

[Penelitian ini membahas tentang kajian risiko keselamatan kerja pada proses overhaul tanki timbun L3 di PT. Pertamina (Persero) Refinery Unit III Plaju-Sungai Gerong Palembang Tahun 2011. Kajian risiko ini dititikberatkan kepada risiko yang akan dialami pekerja pada proses overhaul tanki. Untuk meminimalisir mengenai dampak/risiko yang bisa terjadi pada proses overhaul tanki dilaksanakan safety talk dilokasi pekerjaan oleh pengawas PT.Pertamina (Persero) Refinery Unit III. Tujuan dari penelitian ini adalah peneliti mampu mendiskripsikan kajian risiko keselamatan kerja pada proses overhaul tanki timbun L3 di PT. PERTAMINA (Persero) Refinery Unit III Plaju-Sungai Gerong Palembang Tahun 2011.Desain penelitian ini adalah kuantitatif dengan metode semi-kuantitatif W.T. Fine. Hasil penelitian menyatakan bahwa level risiko yang dimiliki oleh pekerjaan pada tahap overhaul tanki L3 memiliki level yang berbeda yaitu level sangat tinggi, tinggi, medium, rendah dan dapat diterima. Pada penelitian ini skor nilai yang paling tinggi adalah 900 yang terdapat pada tahapan pekerjaan pengecetan tanki dan nilai paling rendah adalah 6 yang terdapat pada tahapan pekerjaan melakukan survey ke area perihal kondisi dan situasi pekerjaan dengan mempersiapkan SIKA, JSA, peralatan dan material. Pengendalian yang harus dilakukan dengan menggunakan safety fullbody harness yang diikatkan dengan lanyard double untuk memastikan keamanan bagi pekerja ketika melakukan pekerjaan diketinggian. Dari hasil analisis risiko yang diperoleh dapat digunakan sebagai bahan masukan dalam proses kajian risiko di PT. Pertamina Refenery Unit III Plaju untuk dapat menurunkan level risiko dari sangat tinggi menjadi dapat diterima dengan menggunakan berbagai pengendalian untuk menurunkan dan meminimalisasi nilai konsekuensi, paparan dan kecenderungan yang terdapat di setiap risiko tahapan pekerjaan overhaul tanki.
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Abstract
This research discusses the safety risk assessment in the process of overhauling accumulation tanks L3 in PT. Pertamina (Persero) Refinery Unit III-Plaju Gerong River in Palembang 2011. This risk assessment focused on the risk will be experienced by workers in the process of overhauling the tank. To minimize the impacts / risks that could occur in the process of overhauling tank safety talk location of work performed by supervisors PT.Pertamina (Persero) Refinery Unit III. The purpose of this researchers were able to describe safety risk assessment in the process of overhauling accumulation tanks L3 in PT. PERTAMINA (Persero) Refinery Unit III- Plaju Gerong river in Palembang 2011.Design of Research was quantitative with a semi-quantitative method of WT Fine. The results stated that level of risk which is owned by the work on stage overhauling tanks L3 stage has a different level is very high level, high, medium, low and acceptable. In this research the highest score value is 900 contained on the stage of the work painting tank and the lowest value is 6 contained in the stage of the work conducted a survey to an area subject to the conditions and prepare

job situation SIKA, JSA, equipment and materials. Controls that must be done using full body safety harness with lanyard double to ensure safety for workers when performing high places. Results of risk analysis obtained can be used as input in the risk assessment process in PT. Pertamina Refenery Plaju Unit III to be able to lower the very high level of risk becomes acceptable to use various controls to reduce and minimize the consequences, exposure and trends contained in each stage of the working risk of tank overhaul., This research discusses the safety risk assessment in the process of overhauling accumulation tanks L3 in PT. Pertamina (Persero) Refinery Unit III-Plaju Gerong River in Palembang 2011. This risk assessment focused on the risk will be experienced by workers in the process of overhauling the tank. To minimize the impacts / risks that could occur in the process of overhauling tank safety talk location of work performed by supervisors PT.Pertamina (Persero) Refinery Unit III. The purpose of this researchers were able to describe safety risk assessment in the process of overhauling accumulation tanks L3 in PT. PERTAMINA (Persero) Refinery Unit III- Plaju Gerong river in Palembang 2011.Design of Research was quantitative with a semi-quantitative method of WT Fine. The results stated that level of risk which is owned by the work on stage overhauling tanks L3 stage has a different level is very high level, high, medium, low and acceptable. In this research the highest score value is 900 contained on the stage of the work painting tank and the lowest value is 6 contained in the stage of the work conducted a survey to an area subject to the conditions and prepare job situation SIKA, JSA, equipment and materials. Controls that must be done using full body safety harness with lanyard double to ensure safety for workers when performing high places. Results of risk analysis obtained can be used as input in the risk assessment process in PT. Pertamina Refenery Plaju Unit III to be able to lower the very high level of risk becomes acceptable to use various controls to reduce and minimize the consequences, exposure and trends contained in each stage of the working risk of tank overhaul.]