[SENTEN 2018] Submission Update ID 91

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Abstract: The main business processes of PT Pupuk Sriwidjaja Palembang is selling of bulk urea fertilizer. In distribution process of bulk urea to ships use the Quadrant Ship Loader (QSL). To maintain quality performance of the QSL

have been applied preventive maintenance once in 4 (four) months. There are some work in implementing preventive maintenance, one of them is lubrication wire rope. Lubrication wire rope takes the longest time among other jobs, which is about 90 minutes in each time to do preventive maintenance. In this case by making wire rope lubrication tool. Using this tool, the lubrication work on PU-5858L QSL wire rope can be pressed up to 30 minutes in every preventive maintenance exercise. Another advantage of using the wire rope lubrication tool can minimize the occurrence of grease droplets so as to avoid potential environmental pollution, improved lubrication quality by 29%, increased cost efficiency, time of workmanship by 67%, decrease of potential of environmental pollution by 67%, and decrease in employment injury opportunities by 40%.

Comments: