

PPM K3 5R FOR ALUMINUM CASTING BUSINESS GROUP, UMBULHARJO DISTRICT, YOGYAKARTA

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ABSTRACT

The 5R Implementation Training and Assistance Activities aim to optimize production layout arrangements, improve motion efficiency at work, provide workers with knowledge in identifying potential hazards and assisting K3 management systems. With this training, it is hoped that SMIs will have a good K3 management system. This service is designed through training and mentoring activities carried out at metal foundry SMEs in Umbulharjo sub-district, Kab. Sleman, DIY. The subject of this activity is CV. ED Aluminum. Training and mentoring activities are carried out by experts in their fields. The PPM TEAM collaborates with industry practitioners such as PT. Chemco, PT Suzuki Manufaktur and K3 experts from the National Standardization Agency. PT. Chemco and PT. Suzuki Manufacturing accompanies CV. ED Aluminum in the factory layout arrangement according to the 5R principle. K3 experts from BSN accompanied CV. ED Aluminum in identifying potential hazards that exist in each production process. K3 experts from BSB also took part in developing the CV K3 management system. ED Aluminum. The results of this PPM activity for employees are in the form of increasing knowledge of 5R implementation in the workplace, increasing knowledge of K3 principles, and increasing hazard identification knowledge. For SMEs, this activity provides optimization of factory layout arrangements according to K3 standards and the realization of a good K3 management system. With a good K3 management system, it can increase the selling power of SMEs.

Kata Kunci: 5R, K3 management system