

**USULAN PENERAPAN 5S DAN SAFETY UNTUK PERBAIKAN PROSES
PRODUKSI PADA PEMBUATAN ALAT PERONTOK PADI
(STUDI KASUS UD SUMBER SEJATI)**

MOCH ICHYAUL MAULUDDIN

12.04.2.1.1.00015

ABSTRAK

Budaya kerja 5S dan *Safety* (*Sort, Set in Order, Shine, Standardize, Sustain, dan Safety*) merupakan suatu budaya untuk memperbaiki kualitas kondisi dan lingkungan kerja. UD SUMBER SEJATI merupakan perusahaan yang bergerak di bidang pembuatan mesin pertanian dan kehutanan yang salah satunya yaitu mesin perontok padi. Pada lingkungan kerja produksi perontok padi terjadi permasalahan kondisi seperti mesin *milling* macet, operator mencari peralatan palu, gunting plat dan peralatan lain, operator berjalan memutar menghindari tumpukan sampah, dan operator sering mengalami luka sobek. Pemilihan 5S dan *Safety* dikarenakan budaya 5S dirancang dengan memperhatikan setiap elemen yang ada pada lingkungan kerja yaitu manusia, mesin, material, peralatan, dan kondisi aktual lantai kerja. Penelitian ini bertujuan untuk memberikan rancangan perbaikan budaya kerja menggunakan kaidah 5S dan *Safety* pada lingkungan kerja produksi mesin perontok padi di UD SUMBER SEJATI. Hasil dari rancangan 5S dan *Safety* disajikan dalam bentuk gambar kondisi setelah dilakukan aktivitas 5S.

Kata Kunci : Perancangan 5S Dan Safety (Sort, Set in Order, Shine, Standardize, Sustain, dan Safety), Mesin Perontok Padi, Budaya 5S

**PROPOSED APPLICATION OF 5S AND SAFETY FOR IMPROVEMENT IN
THE PRODUCTION PROCESS OF MAKING “ALAT PERONTOK PADI”
(CASE STUDY UD SUMBER SEJATI)**

MOCH ICHYAUL MAULUDDIN

12.04.2.1.1.00015

ABSTRACT

Work culture 5S and Safety (Sort, Set in Order, Shine, Standardize, Sustain, and Safety) is a culture to improve the quality of working conditions and environment. 5S culture is designed with attention to every element of the work environment that is human, machine, material, equipment, and the actual condition of the working floor. UD SUMBER SEJATI is a company engaged in the manufacture of agricultural machinery and forestry which one of them is threshing machine. In the working environment there is a problem threshers production conditions such as milling machine jammed, operators are looking for equipment hammer, plate shears and other equipment, the operator went around to avoid the piles of garbage, and operators often suffered tear wounds. This study aims to provide design improvement of work culture using 5S and Safety rules on work environment threshing machine production at UD SUMBER SEJATI. 5S and Safety design results are presented in the form of an image condition after 5S activity.

Keywords: Design and Safety 5S (Sort, Set in Order, Shine, Standardize, Sustain, and Safety), Engineering Paddy Thresher, Culture 5S