

MAGANG DI PT. PERKEBUNAN NUSANTARA IV UNIT USAHA ADOLINA, SERDANG BEDAGAI, SUMATERA UTARA

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INTISARI

PT. Perkebunan Nusantara IV merupakan Badan Usaha Milik Negara (BUMN) yang bergerak pada bidang usaha perkebunan kelapa sawit dan perkebunan teh yang didirikan berdasarkan Peraturan Pemerintah No. 9 tahun 1996. PT. Perkebunan Nusantara IV Unit Usaha Adolina merupakan salah satu unit usaha milik PT. Perkebunan Nusantara IV dengan bidang usaha perkebunan dan pengolahan kelapa sawit yang menghasilkan produk setengah jadi berupa CPO (*Crude Palm Oil*) dan inti sawit. Pada kegiatan magang, mahasiswa ditempatkan di divisi laboratorium yang dipimpin oleh seorang kepala laboratorium. Divisi laboratorium bertugas dan berfungsi untuk menguji, mengawasi serta mengendalikan mutu bahan baku, mutu proses produksi dan mutu produk. Selama kegiatan magang, terdapat tiga temuan lapangan yang dapat menurunkan mutu produk yang dihasilkan, diantaranya adalah pabrik yang tidak beroperasi, kadar air pengiriman inti sawit melebihi standar perusahaan dan SNI yang berlaku, serta kadar kotoran pengiriman inti sawit melebihi standar perusahaan dan SNI yang berlaku. Guna mengatasi hal tersebut, langkah-langkah yang dapat dilakukan perusahaan antara lain adalah membeli bahan baku dari pihak ketiga, memperhatikan lamanya penyimpanan produk, menjaga kondisi mesin pengolahan, serta terus melakukan perbaikan (*continuous improvement*).

Kata kunci: minyak sawit, inti sawit, kadar air inti sawit, kadar kotoran inti sawit.

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INTERNSHIP AT PT. PERKEBUNAN NUSANTARA IV ADOLINA BUSINESS UNIT, SERDANG BEDAGAI, NORTH SUMATERA

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ABSTRACT

PT. Perkebunan Nusantara IV is a state-owned enterprise (BUMN) that works in the field of palm oil plantations and tea plantations. It was established according to Peraturan Pemerintah No. 9 tahun 1996. PT. Perkebunan Nusantara IV business Unit Adolina is a business unit that produces semi-finished products such as Crude Palm Oil (CPO) and palm kernel. During the internship, student was placed at the laboratory division which is leaded by the head of laboratory. The laboratory division is responsible for testing, overseeing and controlling the quality of raw materials, production process quality and product quality. During the internship, there were three factors that could lower the quality of the product, among which are non-operational factories, palm kernel with water levels during shipping over the SNI (Indonesian National Standard), and also impurity levels during shipping over the SNI. To minimize these factors, companies could buy raw material from third parties, oversee the period of storage, maintain the condition of the processing machines, and to conduct continuous improvement.

Keywords: palm oil, palm kernel, moisture content of palm kernel, impurity level of palm kernel.

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