

ABSTRAK

Perusahaan penerbangan PT Angkasa Pura Solusi memiliki unit bisnis pekerjaan *Retail & Ancillary Business, Cleaning Services, Aviation Security* dan *Operation & Maintenance*. Unit *Operation & Maintenance* diantara lain aktivitasnya adalah melakukan perawatan Genset, perawatan *Ground Tank*, pemeliharaan *Crane & Lift*, pemeliharaan *trafo*, dll, yang mana setiap pekerjaannya memiliki potensi bahaya tertinggi diantara unit lainnya di PT APS. Potensi bahaya dapat terjadi karena kondisi lingkungan kerja dan pemahaman K3 pekerja masih kurang. Karenanya perlu dilakukan manajemen risiko untuk mengidentifikasi bahaya dan melakukan pengendaliannya dengan menggunakan metode HIRADC (*Hazard Identification Risk Assesment and Determining Control*). Hasil penelitian menunjukkan tercatat 4 risiko potensi bahaya tertinggi pada setiap pekerjaan *Operation & Maintenance MPS 3* diantara lain adalah tersetrum, terjepit, terjatuh dari ketinggian dan kebakaran yang mana potensi bahaya tersebut harus dilakukan pengendalian risiko dengan melakukan inspeksi peralatan saat akan melakukan pekerjaan, menggunakan APD lengkap, menggunakan *full body hardness* saat bekerja di ketinggian, tim *safety Operation & Maintenance MPS 3* melakukan update *JSA* dan *HIRADC*, menambahkan SOP yang kurang dan memasang petunjuk keselamatan di setiap lokasi bekerja.

Kata kunci: HIRADC, *Operation & Maintenance*, Potensi bahaya



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ABSTRACT

The aviation company PT Angkasa Pura Solusi has business units of *Retail & Ancillary Business, Cleaning Services, Aviation Security and Operation & Maintenance*. Unit *Operation & Maintenance* among others its activities are carrying out generator maintenance, *Ground Tank* maintenance, *Crane & Lift* maintenance, *transformer* maintenance, etc., where each work has the highest potential hazard among other units at PT APS. Potential hazards can occur due to the working environment conditions and understanding of K3 workers is still lacking. Therefore, it is necessary to carry out risk management to identify hazards and control them using the HIRADC (*Hazard Identification Risk Assessment and Determining Control*) method. The results showed that there were 4 highest potential hazard risks in each *MPS 3 Operation & Maintenance* job, including electrocution, pinching, falling from a height and fire, where the potential hazards must be carried out risk control by inspecting equipment when going to work, using complete PPE, using *full body harness* when working at height, team *Safety Operation & Maintenance MPS 3* updates *JSA* and *HIRADC*, adds deficient SOPs and installs safety instructions at each work site.

Keywords: HIRADC, *Operation & Maintenance*, Potential hazards

