

**THE IMPLEMENTATION OF CIVIL ENGINEERING RISK
MANAGEMENT
AS A FIELD SUPERVISOR AT PT. PUTRA MATARAM
PERKASA FOR
PT BIRO REMAJA ARGACIPTA PRODUCTION BUILDING**

Made by:

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**INTERNATIONAL CIVIL ENGINEERING PROGRAM
FACULTY OF ENGINEERING
UNIVERSITAS ATMA JAYA YOGYAKARTA
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ABSTRACT

The manufacturing facility of PT Biro Remaja Argacipta constitutes a provisional edifice conceived in response to a noteworthy disruption in factory operations resultant from an occupational incident culminating in the conflagration of the primary production edifice. This interim establishment is situated in Bantul, precisely delineated at Jl. Lingkar Selatan, Ds Singosaren Banguntapan, Bantul, D.I Yogyakarta 55193, Indonesia. Occupying an approximate expanse of 9,4322 square meters, the project is geographically sited within the Bantul Region of the Special Region of Yogyakarta. The contiguous periphery of the project locus is predominantly characterized by agricultural tracts dedicated to rice cultivation, interspersed with select residential structures.

Structurally, the edifice is designed to incorporate heavy steel as the principal load-bearing element within its architectural framework. Boasting a towering elevation of 32 meters and an expansive roof span of 12 meters, the construction methodology employs the HoneyComb technique, wherein a steel rod is dissected, subjected to fabrication, and subsequently amalgamated into a novel structural configuration.

In the capacity of a field supervisor, the ensuing discourse delineates the oversight and managerial purview exercised over the workforce deployed at this locale. PT Busana Remaja Argacipta, predominantly engaged in the fabrication of apparel, confronted formidable operational impediments consequent to an incendiary event in December 2022 at its primary facility. Consequently, the erection of the temporary production site materialized as a strategic endeavor to palliate the ramifications on production and hasten the recuperation of elapsed manufacturing temporalities.

It is imperative to note that the envisaged occupation of this facility encompasses the housing of large-scale machinery, thereby necessitating a structurally robust edifice capable of accommodating these formidable mechanical assets. According to the schematic, these machinery installations are slated for placement on the inaugural and secondary floors of the edifice.

Keywords: Factory Building, Castella, Project Management.

STATEMENT

Undersigned,

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Declare solemnly that the Final Project with the Title:

THE IMPLEMENTATION OF CIVIL ENGINEERING RISK MANAGEMENT
AS A FIELD SUPERVISOR AT PT. PUTRA MATARAM PERKASA FOR
PT BIRO REMAJA ARGACIPTA ACCESSORIES PRODUCTION BUILDING. We, the
undersigned, have contributed to this Finals Project in equal proportions. Thus, we have
made this statement as a complement to this Final Project Report.

Yogyakarta, 05 Februari 2024

A 10000 Rupiah Electronic Stamp (Meterai Elektronik) with a QR code and a signature over it. The stamp is pink and white, featuring the Garuda Pancasila logo and the text "METERAI ELEKTRONIK 10000 SEPULUH RIBU RUPIAH".

Arrian Fernaldi Soetarjdi

**VALIDATION
INTERNSHIP REPORT
THE IMPLEMENTATION OF CIVIL ENGINEERING RISK
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PRODUCTION BUILDING**

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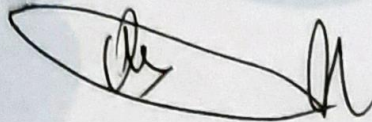
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PREFACE

In the name of the Father and Son and the Holy Spirit author begin this Work Practice Report with the presence of Almighty God, Jesus Christ. By his grace and his allowance author could finish this report in a good time and without facing any difficulties.

The purpose of this Work Practice Report was made for continuing Civile Engineering Work Practice Program and to support the company in PT Putra Mataram Perkasa. This report also for requirement of graduation at Universitas Atma Jaya Yogyakarta.

In the process of making this report, a lot of people help us. Therefore, author want to express our gratitude to:

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7. Mr Hastu Nugroho S.T., M.T., as the owner of PT Putra Mataram Perkasa.

as the author of this i nternship report hopefulness can be useful foreveryone.

Criticisms are welcome to make this internship report improved.

Yogyakarta, 5th January 2023

Writer

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