

**ASSESSMENT SAFETY MATURITY LEVELS FOR DEVELOPING A
SAFETY MANAGEMENT SYSTEM IN MINING OPERATIONS PT. XYZ**

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.



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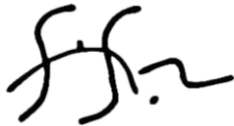
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ABSTRACT

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This study provides a comprehensive analysis of occupational accidents at PT XYZ between 2019 and 2021, revealing a concerning increase from 31 accidents in 2019 to 39 in 2020 and further escalating to 62 in 2021. In response, a Safety Culture Maturity Level Assessment was conducted, involving 550 questionnaire responses from a sample of 320 employees. After an extensive manual selection process with 264 initial respondents and supervision by unit supervisors to ensure accuracy, the Safety Culture Maturity Level Framework was developed. It includes critical dimensions such as Worker Participation, Unit Work Leader Accountability, Accident Analysis and Statistics, Work-Related Diseases, Occupational Disease Incidents, Hazardous Incidents, and Implemented Control Measures.

The achieved score of 83% signifies PT XYZ's commitment to a proactive safety approach, yet continuous improvement remains essential for sustained safety excellence. The subsequent enhancement of safety program implementation has significantly impacted the elevation of the safety maturity level, originally categorized as proactive with a score of 83%. By designing programs based on the SMART principles (Specific, Measurable, Achievable, Relevant, and Time-Bound), the organization has successfully elevated the Safety Maturity Level to 92%, transitioning its category to resilient.

Keywords: Safety maturity Level, Safety Health, Safety Culture, Safety Mining Management, Resilient

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DEDICATION

I dedicate this thesis to the extraordinary individuals who have shaped my academic and personal journey. First and foremost, heartfelt appreciation goes to my family my parents Mr. Djuwari and Ms. Murtini and my wife Ms. Neta Nur Lita Putri, whose enduring love, encouragement, and sacrifices have been the bedrock of my achievements. Your unwavering support fueled my determination to pursue knowledge and strive for excellence.

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