

Factors That Support The Completeness of Filling

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Factors That Support The Completeness of Filling Out KIA Book (Mother and Child Health)

Journal Article published 27 Oct 2022 in Devotion Journal of Community Service volume 3 issue 12 on pages 2099 to 2121

Authors: Ustriyaningsih Ustriyaningsih, Martha Irene Kartasurya, Ayun Sriatmi

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The Effect of Optimization Of The Utilization Of Mother And Child's Health Book On The Attitudes Of Midwives in The Completeness Of Filling In Kia Books

Journal Article published 12 Jul 2021 in Interest: Jurnal Ilmu Kesehatan on pages 72 to 78

Authors: Morita Wibowo, Suryo Ediyono, Heni Nur Kusumawati

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Journal Article published 2016 in Clinics in Mother and Child Health volume 13 issue 01

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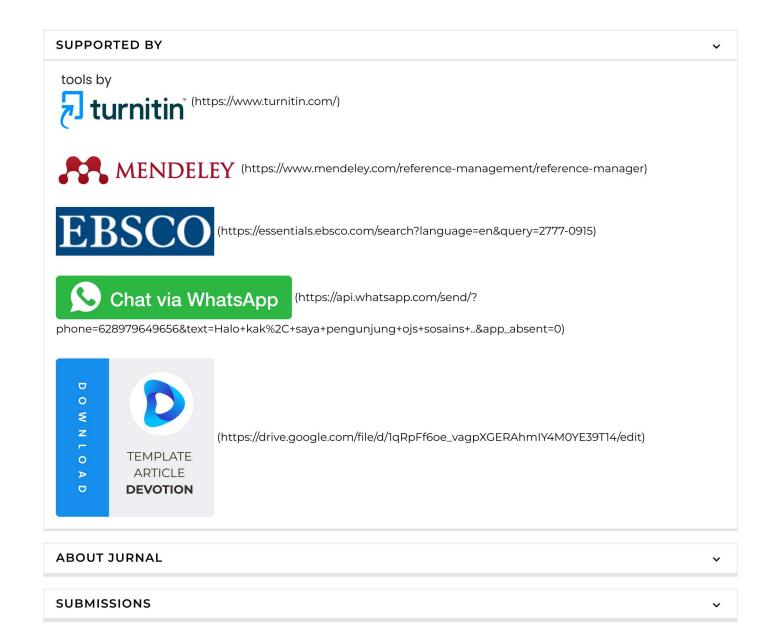
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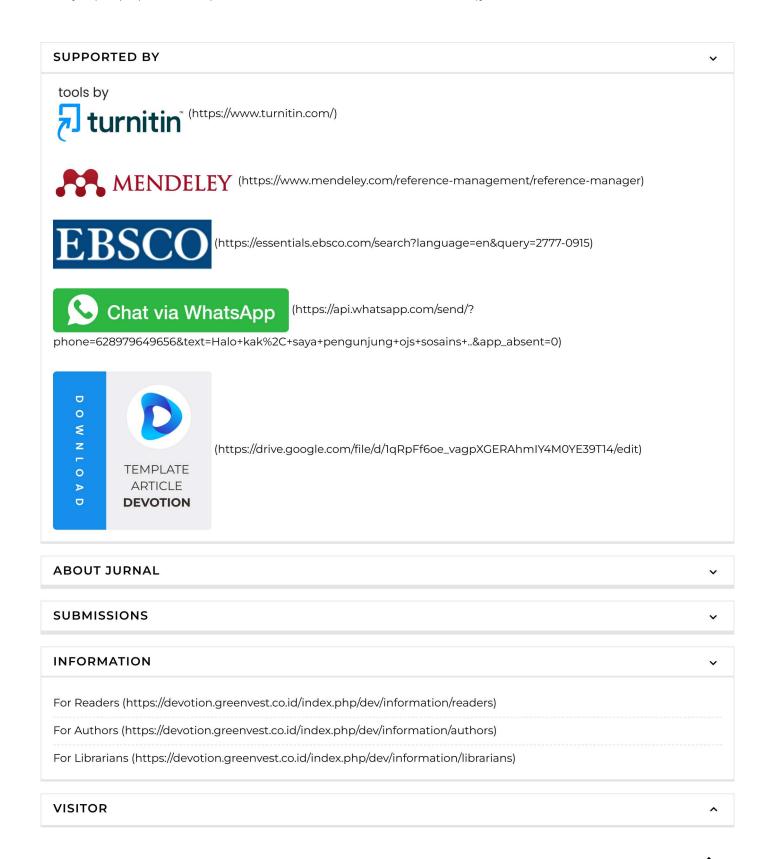
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ROLE OF COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE) IN POULTRY MANAGEMENT

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ABSTRACT

KEYWORDS

Precise livestock farming, animal welfare, sensors, broiler chickens, laying hens, microclimate intensive production The precise control of animals is the focus of a new strategy to enhance animal welfare in the poultry industry. We notice that good welfare circumstances significantly impact the health of the birds and the quality of the poultry products, which affects economic effectiveness in the production of poultry. An innovation that can aid farmers in more successfully controlling the environment and birds' health is using technology solutions in various animal production systems. Additionally, as public concern over chicken breeding and welfare increases, resolutions are being developed to improve control and monitoring in this area of animal agriculture. PLF (precision livestock farming) uses various techniques to gather real-time data about birds. By spotting diseases and stressful conditions in the early stages and enabling action to be taken swiftly enough to avoid the negative impacts, PLF can assist prevent reducing animal wellbeing. To enhance precision livestock farming, this review links the potential uses of the most recent technology to monitor laying hens and broilers.

INTRODUCTION

Chicken production has increased by more than double over the past 30 years, reaching 25.9 billion birds in 2019 and up to 80% in 2020 over the previous year (1). Poland was the top chicken meat producer in the European Union in 2019, with 13.3 million tons produced, ranking among the leading exporters globally with 1.5 million tons, or 9% of total global exports. Poland produced 2.6 million tons of poultry meat (2). Poultry meat production, which continues to be the main category of total meat production (3), is anticipated to increase in the coming years (4). As a result, there is a continuing need to look for ways to increase poultry production efficiency while raising the animals' quality and welfare. We find that in chicken production, the birds' interest substantially impacts the quality of the products, which may impact economic efficiency (5).

Birds that exhibit natural behaviors, are healthy, and have a happy emotional state are said to have a high level of welfare (6). Behavior disorders, which can show in a variety of behaviors, including increased aggression, lameness, cannibalism, or feather plucking and result in financial losses, are one of the most significant problems in today's chicken production that can have a substantial influence on welfare (7, 8, 9, 10, 11, 12). Additionally, to decrease expenses, modern chicken farms tend to reduce the number of personnel while maintaining or increasing the number of birds, which lowers the welfare of the herd and prevents it from exhibiting a particular species' behavior (13). Monitoring animal behaviors, feeding practices, and environmental factors are crucial to enhancing production efficiency and raising animal welfare. Additionally, as public concern over chicken breeding and interest increases, more effective measures for management and monitoring are being developed. Because there is no direct human-animal contact, Precision Livestock Farming (PLF) tools allow the unattended collection of broadly understood data on housing conditions and animals in real-time. This enables the gathering of accurate information (14). An automated management system based on real-time data can be developed (Figure 1) to govern animal welfare, health, and

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ANALYSIS OF OCCUPATIONAL HEALTH AND SAFETY RISKS IN THE MANUFACTURING INDUSTRY WITH THE HIRARC METHOD AT PT. X

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ABSTRACT

KEYWORDS

Risk Analysis, K3, HIRARC (Hazard Identification, Risk Assessment, and Risk Control) Batching plant is better known as a concrete processing plant, all of the tools are specially designed to mix or combine materials to form concrete. Sources of potential hazards that exist in the work environment are caused by the batching plant machine, the use of heavy equipment transportation, and office areas. The purpose of this study is to analyze the potential hazards that could occur in the work environment to carry out control or prevention at PT. X. This research was a quantitative descriptive study, to analyze occupational health and safety risks using the HIRARC method. The number of respondents was 4 people including management, SHE (Safety Health and Environment), and 2 operators of PT. X's batching plant. The variables of this research are risk identification, risk assessment, and risk control. The instruments used were observation, document review, and interviews using risk analysis guidelines with the HIRARC method. The results of this study indicate that the potential risks that could occur in the work environment include 14 work processes that could cause as many as 31 hazards with 42 potential hazards. The results of the research findings of hazard were grouped into 4 risk ratings, at a very high-risk rating there were 0 risks, at a high-risk rating there were 8 risks, at a medium risk rating there were 27 risks, and at a low-risk rating, there were 7 risks. Based on the result, it could be stated that this study, is the implementation of risk analysis using the HIRARC method as an effort to prevent potential hazards that could occur in the work environment at PT. X can be controlled by installing OHS signs, training workers, machine maintenance, maintaining the workplace/supervision at work, using equipment and working methods in safe conditions, providing PPE (masks, gloves, catelpak /vests, helmets, earmuffs/earplugs), involve competent workers to make a risk analysis with HIRARC

INTRODUCTION

Every environmental work contains potency and high danger so that requires something effort prevention and control so as not to occur accident work. Reason accident work is shared into five, that is man factor, tool/machine, material, method, and environment. Accident work could cause damage a member's body, and cause disease until death. Accident work could be sourced from several factors, such as factor ergonomics, environmental, chemical, and psychological (Wijaya, Panjaitan, & Palit, 2015).

Accident work by general caused by 2 things tree that is behavior hazardous work (unsafe human act) and dangerous conditions (unsafe conditions), one aspect of health and safety that must work noticed is disease consequence work (PAK). PAK is accepted risk worker in field health and safety work which is a consequence development industry in Indonesia and the increased power work (Thamrin, Ramadhani, Nadillah, & Ediwan, 2019).



KOMISI ETIK PENELITIAN KESEHATAN HEALTH RESEARCH ETHICS COMMITTEE FAKULTAS KESEHATAN MASYARAKAT UNIVERSITAS DIPONEGORO FACULTY OF PUBLIC HEALTH DIPONEGORO UNIVERSITY

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No: 348/EA/KEPK-FKM/2022

Protokol penelitian yang diusulkan oleh: The research protocol proposed by

Peneliti utama : USTRIYANINGSIH

Principle Investigator

Nama Institusi : Universitas Diponegoro

Name of the Institution

Anggota Peneliti : 1. dr. Martha Irene Kartasurya, M. Sc, Ph.D

Member 2. Dr. Dra. Ayun Sriatmi, M. Kes

Dengan judul

Tittle

"ANALISIS MANAJEMEN PENGISIAN LEMBAR SKRINING PREEKLAMPSIA OLEH DOKTER DI KABUPATEN TEGAL"

"MANAGEMENT ANALYSIS OF FILLING PREECLAMPSIA SCREENING SHEETS BY DOCTORS IN TEGAL REGENCY"

Dinyatakan layak etik sesuai 7 (tujuh) Standart WHO 2011, yaitu 1) Nilai Sosial, 2) Nilai Ilmiah, 3) Pemerataan Beban dan Manfaat, 4) Risiko, 5) Bujukan/Eksploitasi, 6) Kerahasiaan dan Privacy, dan 7) Persetujuan Setelah Penjelasan, yang merujuk pada Pedoman CIOMS 2016. Hal ini seperti yang ditunjukkan oleh terpenuhinya indikator setiap standar.

Declared to be ethically appropriate in accordance to 7 (seven) WHO 2011 Standards, 1) Social Values, 2) Scientific Values, 3) Equitable Assessment And Benefits, 4) Risks, 5) Persuasion/Exploitation, 6) Confidentiality and Privacy, and 7) Informed Concent, referring to the 2016 CIOMS Guidelines. This is as indicated by the fulfillment of the indicators of each standard.

Pernyataan Laik Etik ini berlaku selama kurun waktu tanggal 25 August 2022 sampai dengan tanggal 25 August 2023

This declaration of ethics applies during the period August, 25th 2022 until August, 25th 2023

Semarang, 25 August 2022 Professor and Chairperson,

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