ABSTRACT

Assessment of Good Manufacturing Practices (GMP) Implementation in Three Cafés at Mulawarman University, Samarinda

Nurul Asifah Hafsiyah, Rifdah Wardani, Anindya Monika Putri

Correspondence E-mail : rifdah01@fkm.unmul.ac.id

Background : Cafés on university campuses provide food for students, lecturers, and academic staff, making hygiene and sanitation important for food safety. The implementation of Good Manufacturing Practices (GMP) supports hygienic food handling, processing, and storage. However, information on GMP implementation in cafés at Mulawarman University, Samarinda, remains limited.

Objective : This study aimed to assess GMP implementation and identify aspects requiring improvement in three cafés

Research Methods/ Implementation Methods : . A descriptive observational study was conducted on October 6, 2026. Primary data were collected through direct observation and photographic documentation. The GMP aspects assessed included location and layout, sanitation and waste management, equipment and utensils, cleaning and sanitation, pest control, food handler hygiene, operational control and prevention of cross-contamination, as well as water quality and food storage

Results : Data were analyzed descriptively using GMP implementation scores expressed as percentages. Café A scored 57.81%, Café B 90.32%, and Café C 87.50%. Café B had the highest implementation score, while Café A had the lowest. Areas requiring improvement at Café A included layout, sanitation, waste management, and pest control. Café B required improvements in handwashing facilities, drainage, and cleaning agent storage, whereas Café C required improvements in drainage, handwashing facilities, separation of raw and cooked foods, and equipment management.

Conclusion/Lesson Learned : Overall, GMP implementation varied across the three cafés, indicating the need to prioritize improvements based on the findings at each establishment.

Keyword : Good Manufacturing Practices, food safety, hygiene and sanitation, cafés, Mulawarman University.