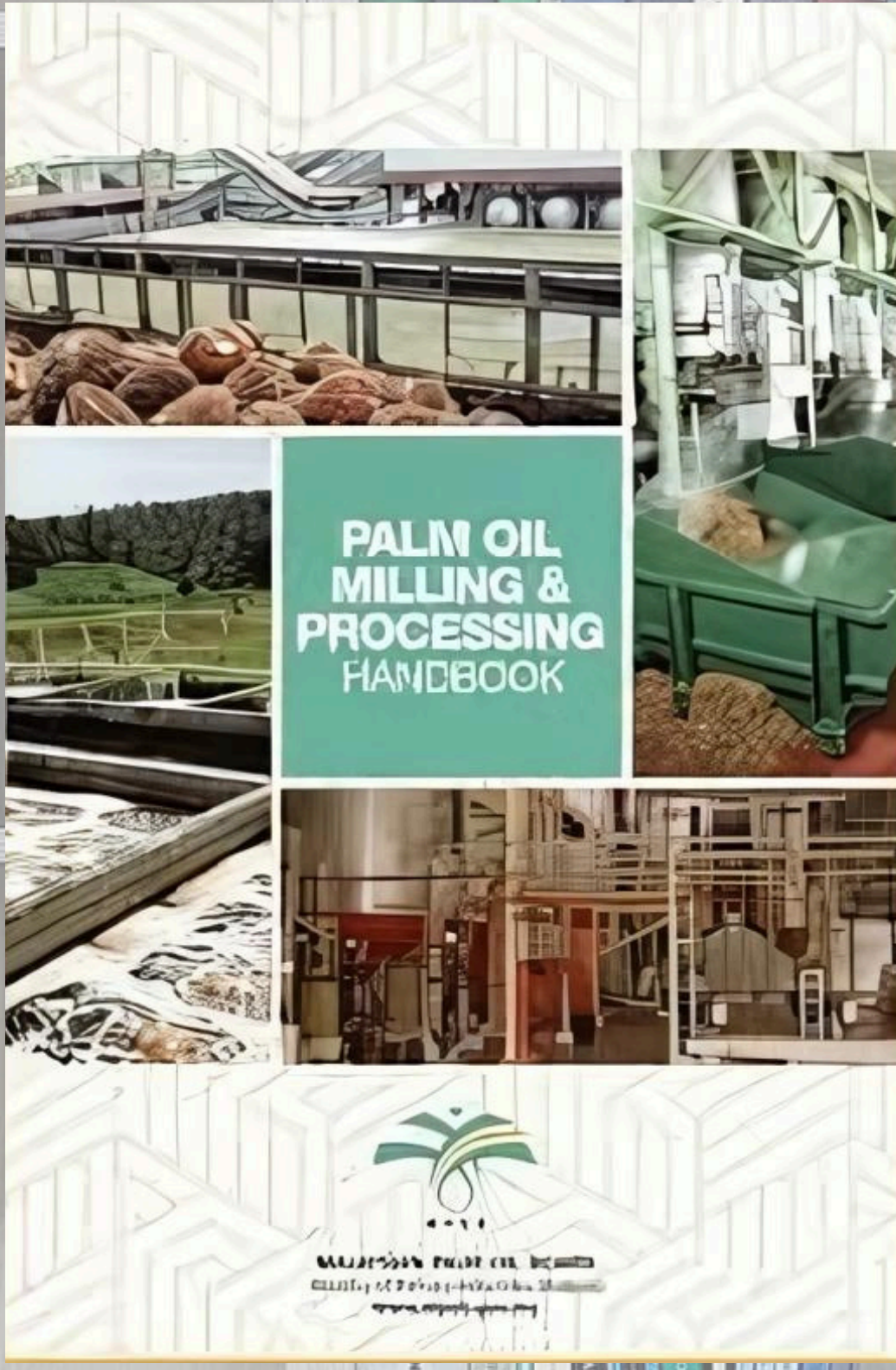


KEMENTERIAN SUMBER ASLI
DAN KELESTARIAN ALAM



PROGRAM BOOK REVIEW JAS



"Palm Oil Milling & Processing Handbook" is edited by Ahmad Parveez Ghulam Kadir, Astimar Abdul Aziz and Rohaya Mohamed Halim, and published by Malaysian Palm Oil Board in 2020. This handbook has 222 colored-pages and 2 colored-pages of cover book, 88 figures and 38 tables.

This main purpose of this handbook is to provide information and guide to the readers with engineer, mill operators and palm oil industry players background on palm oil milling and processing operates in palm oil industry specifically in Malaysia.

This handbook explains thoroughly various unit operations relevant to palm oil milling, starting from crop receiving and processing of fresh fruit bunches to extracting the oil and recovering kernel, features the storage and handling raw palm oil and kernel oil. The latest information on oil extraction and kernel recovery used in palm oil milling and processing industries included in this handbook to inform engineer and mill operators. This handbook highlights Air Pollution Control System, Life Cycle Assessment (LCA) and Palm Oil Mill Effluent Treatment (POME) which is the main component of sustainable palm oil milling and mentioned Environmental Management System (EMS) that helps reduce environmental impacts and increase operating efficiency. This handbook can be quickly navigate through table of contents page in which has page numbers and list of chapters.

Every chapter provides with introduction section in which beginner readers able to grasp on every terms use in this handbook. The illustrations, diagrams and flowcharts is very high quality, clear and complements to the explanation for readers to enhance understanding. However, the absence of a list of abbreviations in this handbook is somewhat confusing for readers to comprehend and the absence of a list of figure is quite challenging for readers to navigate and locate specific visual information for quick reference. To conclude, this handbook is very informative and provides useful guide especially engineer, mill operators and palm oil industry players.

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