SUMMARY


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Duration: from December 2014 to August 2015

1. Objectives of the research

- Study features of MFCA, an effective tool of environmental management accounting, potential benefits of MFCA over traditional material cost accounting method.

- Analyse MFCA operating mechanism through a typical case study of a Japanese pharmaceutical company.

- Based on the study of material cost accounting practices in Vietnam, point out favorable conditions and difficulties in applying MFCA in Vietnam, and propose MFCA applicable conditions in Vietnam.

2. Main contents

Chapter 1. Theoretical framework on material flow cost accounting MFCA

1.1. Development history of MFCA

1.2. Concept and roles of MFCA

1.3. Comparison of MFCA and traditional cost accounting

1.4. MFCA application process

Chapter 2. Typical case study of a Japanese pharmaceutical company applying MFCA

2.1. Manufacturing process analysis

2.2. MFCA application process analysis

2.2.1. Quantity center identification

2.2.2. Input - output of quantity center measurement

2.2.3. System cost allocation

2.2.4. MFCA analysis matrix
Chapter 3. MFCA applicable conditions for Vietnam

3.1. Practices of material cost accounting in Vietnam
   3.1.1. Requirements towards CIT reform
   3.1.2. CIT reform strategy during 2011-2020

3.2. Favorable conditions and difficulties in applying MFCA in Vietnam
   3.2.1. Favorable conditions
   3.2.2. Difficulties

3.3. MFCA applicable conditions for Vietnam
   3.3.1. General conditions
   3.3.2. Technical conditions

3. Results obtained:
   - Analysis of MFCA operating mechanism through typical case study of a Japanese pharmaceutical company
   - Analysis of material cost accounting practices in Vietnam
   - Analysis of favorable conditions and difficulties in applying MFCA in Vietnam
   - Proposal of MFCA applicable conditions in Vietnam