



اَوْنِبُوْ سَيِّتِيْ تِيَكُوْ لُوْ كِيْ مَبَارَا
UNIVERSITI
TEKNOLOGI
MARA



DUST COLLECTOR SYSTEM

PADIBERAS NASIONAL BHD (BERNAS)

TECHNOLOGY ENTREPRENEURSHIP (ENT600) : CASE STUDY

FACULTY & PROGRAMME : FACULTY OF MECHANICAL ENGINEERING
SEMESTER : 7
PROJECT TITLE : FILTER BAG CLOGGED IN DUST COLLECTOR SYSTEM

GOUP MEMBERS : 1. AMSYAR WAJDI BIN ISMAIL
2015884636
2. MUHAMAD HELMI AFFANDI BIN ADNAN
2015884356
3. MOHAMMAD ZARRIQ ADZRIN BIN MOHD POAAD
2015837562

CLASS : EMD7M13

LECTURER : DR. ZANARIAH ZAINAL ABIDIN

TABLE OF CONTENT

	PAGE
1.0 EXECUTIVE SUMMARY	1
2.0 INTRODUCTION	1
3.0 COMPANY INFORMATION	2
3.1 Background	
3.2 Organizational Structure	
3.3 Products/Services	
4.0 COMPANY ANALYSIS	3
4.1 SWOT analysis	
5.0 FINDINGS AND DISCUSSION	4
5.1 Findings	
5.2 Discussion	
6.0 CONCLUSION	4
7.0 RECOMMENDATION AND IMPROVEMENT	5
8.0 REFERENCES	5

1.0 EXECUTIVE SUMMARY.

This case study report is based on the analysis and discussion on our study about dust collector system at BERNAS's factory. This company is GLC type business for supply of rice. We had made a visit to the company to analyse their dust collector system. An interview session with company's engineer has been done to learn about this system. We also were able to identify the issues and problems that the company faced and made discussions to find countermeasure. There were several problems that related to dust collector system.

2.0 INTRODUCTION

In this semester, all mechanical students have Fundamental of Technology Entrepreneurship (ENT 600) in our course outline. The purpose of ENT 600 to expose student in business field at the same time is to solve the problem and we also might be able to create the product. Therefore it will become to educate the students to have the entrepreneur mind set. This is because as an engineer our task business opportunity to supply the product that solved the problem. Students are required to select company as a reference and make a case study about the problem that faced by company.

We need to choose or used the company from our internship programme for case study. Our group select Padiberas Nasional Berhad (BERNAS) as our reference for case study. The purpose of this case study is to identify and analyze the problem that their faced in business. We need to use the knowledge from this subject to relate with problem that faced by company. We are required to make a visit to the company and identify the problems and countermeasure. The problems need to make a discussion and try to find the possible solutions.

The business problems must involve with technology. For BERNAS's factory, the problem that we found out is on the dust collector system. The dust collector system have problem with the filter bag that always clogged.

3.0 COMPANY INFORMATION

3.1 BACKGROUND

Padiberas Nasional Bhd, also known as BERNAS, operates as an investment holding company that ensures the maintenance of the supply of rice through import trading and distribution of rice, rice by-products and paddy in Malaysia. The company was incorporated in 1994 and came into full force existence in 1996 when it took over Lembaga Padi dan Beras Negara's (LPN) role as the custodian of Malaysian paddy and rice industry. Its registered head office is located in HICOM Glenmarie Industrial Park, Shah Alam, Selangor, Malaysia.

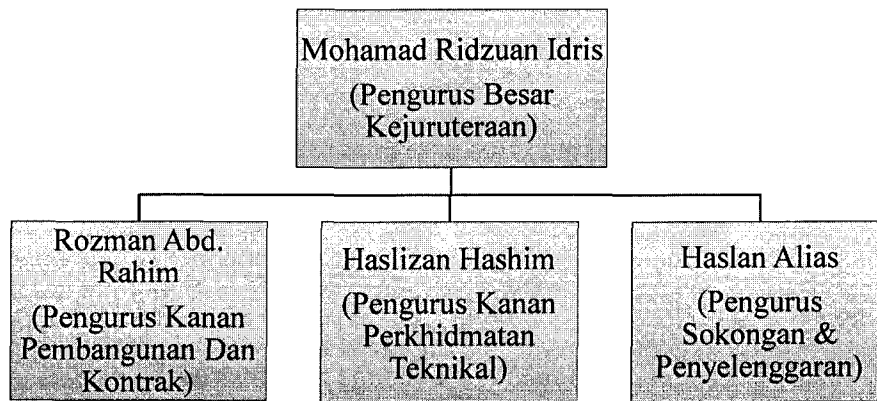
BERNAS Vision

“Our food products are consumed in every household in Malaysia. We are a company deeply committed to nourish the nation better. We do this by providing quality food products that create value for our company, our partners and our customers.”

BERNAS Mission

To be a market leader in Malaysia through value creation by increasing market share, introducing new products and acquiring complementary products.

3.2 ORGANIZATIONAL STRUCTURE



3.3 PRODUCTS/SERVICES

- Importation of rice.
- Activities in relation to the distribution of rice.