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NATURAL GAS FOR INDUSTRIAL USE

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ABSTRACT

Nowadays industrial sector had grown rapidly in Malaysia. Industrial sector is one of the sectors that contribute to Malaysia economic growth. It also provides job opportunities to the communities.

Gas is the most important thing to make the industrial sector on going. We can say that every factory using gas as their source of energy and to produce their product. Gas has been the main source of energy for the industrial sector since it was introduced in Malaysia some times ago.

Natural gas began to popular when it replaces LPG (liquefied petroleum gas). People now realize that natural gas is more practical, convenience and economical. The distribution of natural gas is now grown throughout Malaysia.

Therefore this dissertation is carried out to examine issues regarding to gas usage. The distribution of natural gas, the use to the industrial sector and also rules and regulation applied.

I hope this dissertation will give a lot useful information, and will guide those whoever wants to extent this research in future.

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CHAPTER 1

INTRODUCTION

1.1 General

In Malaysia nowadays, there are a lot of Industrial building that had been built. Industry sector has grown rapidly due to the stability of the economy. The consumption of gas is needed to ensure that the production from this sector can be uplift and assorted. Gas is one of the primary sources of energy in the industrial sector for drying, baking, heating, food processing, melting, casting, cutting, and much more. Because of that it is very important to make sure that gas can be supplied continuously to this industry.

Malaysia is important to world energy markets because of its huge oil and natural gas resorts. Malaysia's oil production occurs offshore and primarily near Peninsular Malaysia. Production however also takes place offshore of Sabah (East Malaysia) and Sarawak. Current oil reserves are estimated at approximately 3 Billion barrels with a declining tendency, due to the lack of major new oil discoveries in the last years. The most important oil fields are Bekok, Bokor, Bunga Kekwa, Guntong, Kepong, Kinabalu Pulau, Samarang, Seligi, Semangkok, Tapis, Temana and Tiong. Petronas is the state oil and gas company, other main producers include Esso Production Malaysia Inc followed by Sabah Shell Petroleum Company and Sweden's Ludin Oil. Main importers of Malaysian oil are Japan, Thailand, South Korea and Singapore.