



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Assignment 1 (Spring 2021)

Student Name: Tarek Eisa Hakkme

Students I.D : 2021203741

Section

**Master of Project
Management**

Date

18 / 02 / 2021

Course Code

(PMG510)

Project Risk Management

Instructions:

Instructor's Name: Eng. Mosaab M. Hamed

حتى الآن من المفترض أن تكون أصبحت قادراً على التعرف والتمييز بين أنواع المخاطر المختلفة وكيفية التعامل معها. كما يمكنك الآن رؤية كيف يتم هذا الأمر في الشركات الكبيرة والمرموقة.

في هذا الواجب: قم باختيار واحدة من الشركات التالية:

أرامكو السعودية

البنك الأهلي التجاري

شركة الاتصالات السعودية

قم باختيار واحدة من الشركات الثلاث المذكورة أعلاه ثم ابحث عن أي 4 مخاطر تواجهها هذه الشركة .

لكل خطر من هذه المخاطر قم بالاجابة عن الأسئلة التالية:

1. لماذا اعتبرته خطراً؟
2. ماهو نوع هذا الخطر؟
3. ماهي احتمالية هذا الخطر؟ وفي حالة وقوعه مامدى قوة وتأثير هذا الخطر؟
4. ماهي السياسة أو الاستراتيجية التي تتبعها هذه الشركة للتعامل مع هذا الخطر وادارته؟

** يمكنك الاجابة باللغة العربية أو الانجليزية على ألا تتجاوز اجابتك صفحتين من النوع A4

** يتم تسليم جميع الاجابات في ملف بصيغة pdf.

** حجم الخط 12.

** نوع الخط Arial.

** المسافة بين الأسطر (line spacing) 1.5

أمنياتي بالتوفيق.

Throughout this course you have learned about the different types of risk and how businesses manage them. Now you will be able to see how it is done in a well-known company.

Your assignment is to choose one of the following companies:

Saudi Aramco

The National Commercial Bank

Saudi Telecom Company

Do some research on any of the aforementioned companies and identify four risks they are facing.

For each risk please answer the following:

1. Why is this a risk?
2. What type of risk is it?
3. What is the likelihood of the risk? How great is the impact?
4. What strategy or policy does the company use to manage the risk?

** Your answers could either be in Arabic or English.

** You should submit your assignment in a pdf formatted file.

** Font size should be 12.

** Font type is Arial.

** Line spacing is 1.5.

All the best.

Saudi Aramco

Saudi Aramco is the largest integrated oil and gas company in the world, and its energy supplies and chemical production support global trade and improve the standard of living around the world. Which make it facing a lot of risks.

Some of these risks are:

1- Risks associated with operational aspects. (HIGH – HAZARD)

Saudi Aramco is exposed to common operational risks in the oil and gas sector, including the following:

Leakage of crude oil or gas, leaks and cracks in pipelines, leaks in storage tanks, accidents related to explosions and fires, eruptions of wells, and the formation of ground craters. That may cause loses life, property, environment.

The majority of Saudi Aramco's assets are located in the Kingdom, and Aramco and imposition facilities to transport crude oil and Saudi products rely heavily on the pipeline network across the kingdom. Saudi Aramco also relies on important facilities to process its crude oil, such as the Abqaiq plant - the largest crude oil processing facility in Saudi Aramco. To avoid this risk, Aramco performs maintenance periodically.

2- Risks associated with information technology systems. (MEDIUM – COMPLINCE)

Saudi Aramco's business depends on the reliability and security of its IT systems.

Saudi Aramco relies on critical information security and operational technology systems, among others, for hydrocarbon exploration, development, production, storage and distribution; Processing, using and protecting financial records, property information, intellectual property, personal information, operational data, and correspondence between management, employees and business partners. Electronic accidents may adversely affect these or other businesses, especially with regard to industrial control systems, and may cause injury damage, expected loss of life, or environmental damage.

So, they hired senior experienced from Cybersecurity majors and they review the regulations and check them always, to make sure is working in normal situation.

3- The risks associated with climate change. (MEDIUM – CONTROL)

Concerns related to climate change and its effects could lower global demand for hydrocarbons and hydrocarbon-based products, which could lead to Saudi Aramco incurring additional costs or investing additional capital.

Concerns expressed globally about climate change, and taken into account in government policies, regulations and regulations, international agreements and treaties, and other actions, may reduce the global demand for hydrocarbons, and resort to the use of other low-carbon fossil fuels such as Gas, or resorting to alternative energy sources.

So, Saudi Aramco tries to make new project that don't depends only on oil and gas. So it can expands their benefit.

4- The risks associated with achieving growth goals. (MEDIUM – OPPORTUNITY)

Saudi Aramco's ability to achieve its strategic growth goals depends heavily on its success in implementing capital projects at the right time and at an appropriate cost, especially large and complex projects, whether executed by Saudi Aramco alone or in partnership with its joint venture partners or affiliates. Saudi Aramco faces many challenges related to the development of these projects, including the following:

Restrictions related to the availability and cost of qualified manpower, contractors, materials, equipment, facilities, and facilities, especially during periods of global expansion in the crude oil and gas or chemicals sector. Executing projects or projects in new business sectors in which Saudi Aramco has limited or no operational experience.

These challenges have previously led, and may lead in the future, to delaying the completion of projects and increasing their costs. Delays in project implementation, increased costs, or failure to achieve the expected returns from them may affect Saudi Aramco's business and expected production levels.

References:

- 1- file:///C:/Users/t_h93/Downloads/saudi-aramco-ARA-2019-arabic.pdf