



Everyone's Smart University

Assignment 1 (Spring 2021)

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Section

**Master of Project
Management**

Date

18 / 02 / 2021

Course Code

(PMG510)

Project Risk Management

Instructions:

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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 ٤ مخاطر تواجهها هذه الشركة .

لكل خطر من هذه المخاطر قم بالاجابة عن الأسئلة التالية:

١. لماذا اعتبرته خطراً؟
٢. ماهو نوع هذا الخطر؟
٣. ماهي احتمالية هذا الخطر؟ وفي حالة وقوعه مامدى قوة وتأثير هذا الخطر؟
٤. ماهي السياسة أو الاستراتيجية التي تتبعها هذه الشركة للتعامل مع هذا الخطر وإدارته؟

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

**** يتم تسليم جميع الاجابات في ملف بصيغة pdf.**

**** حجم الخط ١٢.**

**** 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.

1- Supply and demand risk

Why this is risk?

This is a risk because of many issues like in-predictable customer need for more supply (high demand) which will make the supply less than the actual demand. On the other hand, Losing a main customer which will make the supply more than actual demand. Also this risk can be result of any production or transportation problem.

What type of risk is it?

Supply and demand risk is uncertain so it is a control risk.

What the likelihood of the risk and how great is the impact?

The likelihood is medium but the impact is high whatever, negative side (e.g high supply with low demand or high demand with low supply) or positive side (high demand with efficient supply).

What strategy or policy does the company use to manage the risk?

Normally Aramco does not work with the highest production rate but in case of this risk which high demand Aramco can increase the production to the maximum as a one of the plans. In case of high supply and low demand risk Aramco has plan of decreasing the production rate and reserve the extra products in the strategic storages which are located across the country.

2- Fire risk

Why this is risk?

There is a risk because it can cause losses in human and physical resources

What type of risk is it?

Hazard risks

What the likelihood of the risk and how great is the impact?

Likelihood is low but the impact is high.

What strategy or policy does the company use to manage the risk?

Aramco company has a strict safety system including all areas the management areas and in the industrial areas. Also, Aramco has auto-fire alarm system which will alert the employee to activate the set plans in case of fire. However, they have a fire fighter stations which specialized to control any fire as soon as possible and to train the employees to how to deal with this circumstance. Also, one of the strategies it's to supply the employees with high heat and fire resistance uniforms during the regular work to minimize any injuries during any fire. Anyway, Insurance against fire is not available in Aramco!

3 Increase in electric vehicles

Why this is risk?

Because all of the vehicle in the past working with oil production whatever, diesel or petrol but with the increasing of the electrical cars the demand for the oil will decrease over the time and oil is the main product for Aramco.

What type of risk is it?

Control risk

What the likelihood of the risk and how great is the impact?

Likelihood over the time is high and the impact is high

What strategy or policy does the company use to manage the risk?

Aramco start to invest in some other areas rather than oil some so if the demand for oil became low globally, they still have their market in other productions.

4 Terrorism and attacks in oil facilities

Why this is risk?

Terrorism and attacks are known as risk because its cause losses in human and physical resources and decrease the production also it is may affect the logistic services for the company.

What type of risk is it?

Hazard risk

What the likelihood of the risk and how great is the impact?

Likelihood is medium due to geographical locations of the facilities but the impact is depending on the facility itself (Aramco has high number of facilities) anyway the impact will be high and it may stop the production.

What strategy or policy does the company use to manage the risk?

Aramco have their own security system which has army of policemen. even-though, they worked with the government so they are provided with extra defence forces especially the air defences.