

## HO 120001 - THE TEXTILE COMPANY – ENERGY ASSESSMENT QUERY

As an energy service provider, you have received following request from “The Textile Company” .

*We, “The Textile Company”, are among the leading manufacturers exporters of denim fabric to major European fashion brands and are located in Noi Bai Industrial Zone (NBIZ), Hanoi. We are developing our sustainability goals for next five years and require services of energy experts to conduct on-site energy assessment and support our sustainability team in developing energy goals. Interested energy service providers are requested to contact the Sustainability Manager and submit the proposals.*

On further background research and reference check, you find out that The Textile Company is ISO 9001 and ISO 14001 certified. Further exploring the website, you identify that the company has only one facility with following operations at site;

1. Denim Yarn Dyeing
2. Denim Fabric Weaving
3. Denim Fabric Finishing
4. Effluent Treatment Plant

## **HO NO 120001b - THE TEXTILE COMPANY**

### **Developing an Energy Assessment Plan**

#### **Your tasks**

As a first step, your group develops the plan for an on-site deep-dive energy assessment for “The Textile Company”.

For this purpose

1. Review the information provided to you
2. Enlist the sustainability related requirements the company may have
3. Develop a list of activities to provide required support to the company with timelines
4. Identify how many experts, having which expertise, should be included in the team of service provider? And why?
5. What type of equipment / gadgets you may need and why you need them?
6. Enlist the key stakeholders that need to be involved in the company and identify what support is needed from the company during the project
7. Enlist the information required from the company before starting the on-site assessment and other support activities
8. Present your plans to the company management (group presentations)

Time: 60 min

## HO NO 120001c - THE TEXTILE COMPANY

### Additional data

**IMPORTANT NOTE FOR TRAINER: Verbally provide only that data which is required by the participants. DO NOT PRINT THIS HANDOUT.**

You are provided following additional data on enquiring from the sustainability manager;

1. Electrical power is internally generated only using 03 engines 1.5MW each, Natural Gas Fired
2. Steam generated by 02 coal fired boilers 10TPH each
3. 01 Coal fired Thermal Oil Heater
4. 03 centrifugal compressors usually two are operational
5. Two Deep well Water pumps
6. One rope dyeing machine
7. 50 air jet looms
8. One Singeing machine
9. One Merceriser
10. Two Stenters