

# **Schools for Knowledge Economy Project (SKEP)**

## **Phase III- Package 1 & Package 2**

### **Medanat and Contractor Site Staff Training**

Location: Online Meeting

Time: 10:00 a.m. to 11:00 a.m.

Date: Sunday, May 08, 2022

#### **Training Director:**

#### **Home Office Support:**

1. Suhair Amarin- Project Director/Head of Design Department

#### **SKEP III Staff:**

1. Hassan Shaqboua- Quality Control Manager
2. Natheer Amarin- Project Manager
3. Mahmoud Mughannam- Resident Engineer

#### **Site Engineers**

##### **Medanat Staff:**

4. Alaa Eleimat
5. Yousef Omar
6. Qais Lataifeh
7. Saba Amarin
8. Taher Al Ribie
9. Ammar Gharaibeh

##### **Contractor Staff:**

1. Amer Abdulghani/ PM
2. Khalid Bazian/ PM
3. Tharwa Malkawi
4. Abdulmalek
5. Rami Al-Haj
6. Sahar Sulaiman
7. Anas Shdefat
8. Abdullah Al Husban
9. Walaa Khreisat
10. Omar Hammori

##### **Fresh Graduates Engineers:**

1. Ghaith Otoum
2. Wesam Ankir
3. Maram Abu Awad
4. Areen Khreisat
5. Khalid Al-Jahaleen
6. Sarah Al Ali
7. Aya Al Abed.
8. Dema Dababseh.
9. Abdullah Al Dabbas
10. Ghassan Ajjori
11. Ayman Ayasrah
12. Ahmad Al-Madhoun

## **Purpose of Site Staff Training**

### **Training programs focusing on one or more of the following topics:**

1. Health, Safety and Environment.
2. Production of visual documentation through videos and photography.
3. Advanced Materials for Construction and Repair of Concrete.
4. Construction Quality on Site.
5. Construction Supervision Skills.
6. Electrical Works.
7. Mechanical Works.
8. Issues Related to Work Shop Drawings, As Built Drawings, Approvals and Similar.
9. Utilities and Infrastructure.
10. Municipalities Regulations.
11. Construction Ethics.

## **May 08, 2022 Training Material**

### **Quality Control (Further Procedures and Tips):**

\* Construction quality control is a management system aimed at ensuring the final deliverable meets the standards and guidelines set by the client. That includes completing the project within the scope of work and avoiding disputes throughout the life cycle of the project. Quality is defined by the client, regulatory agencies and environmental and policy guidelines. All these quality assurance requirements and procedures are documented in a construction quality management plan.

### **Why Construction Quality Control Matters**

\* Your project isn't a success if your client isn't satisfied. Construction quality control is important because it improves client satisfaction. A happy client is one who will work with you again, and even give recommendations to others.

More practically, doing quality work means less rework. Not needing to redo work that should have been done right the first time reduces costs. This is also a way to keep the morale of your crew high, which in turn means they'll work more productively.

\* **Have an Inspection Plan:** Conduct a thorough inspection to see if completed work meets your quality acceptance criteria. Create an inspection plan to decide what is inspected and let the team know when it's inspected. Also, there must be a person responsible for carrying out the inspection, whether that's someone in your crew or a third party.

\* **Create Quality Control Checklist:** Prepare a quality control checklist to make the process of inspection thorough and less likely to overlook items. Be specific. The checklist should be shared with the crew for pre-task conversations on how to execute the work. A checklist ensures quality control is met and also communicates to the crew what's essential in their tasks.

\* **Correct Work:** When a task doesn't meet the standards of the quality management inspection, the work needs to be corrected. Mark the work that needs fixing (photograph it, if necessary), correct the problem and document the correction to verify that it now meets your quality standards.

### **Tips:**

\* **Quality Control Manager:** Choose someone to lead the effort—a quality control manager. The client needs to know who this person is and why they're qualified for the position. The quality manager leads all quality management work, and is responsible for the day-to-day field operations. The construction quality control plan needs to define the quality manager's responsibilities and how they work with the rest of the crew.

\* **Communications:** Quality control should be part of the discussion from start to finish. Quality control should be part of the reports, test results and any inspection data you deliver to your client. Your construction quality control plan must have a communications guideline to explain how, and with what frequency, this communication will occur.

\* **Surveillance:** Have monitoring be part of your construction quality control plan. You need to let your client know how you'll monitor quality. Decide on the frequency of surveillance as well as how and what you'll be monitoring. Detail this in the construction quality control plan.

\* **Subcontractors and Suppliers:** First, inform your client of the suppliers and materials in use. Since these are organizations outside your governance, you need to add selection criteria for suppliers and subcontractors to your construction quality control plan. This includes price, naturally, but also if they're delivering on the quality you expect.