

Site Visit Report Form

FTR 311 QR

A. BASIC DATA

(Trigon staff shall complete this field trip report within 48 hours after returning from the field and ensure that it is sent properly distributed within 72 hours after leaving the construction site)

Program (JSEP or SKEP): SKEP III Package I
School Name: Al Khansa'a Basic Mixed School
Supervisory Engineer (SE) Name: Medanat Consultant Engineers
Construction Contractor (CC): Derar Al Saraireh & Sons
Date and Time of Field Trip: Mar 24th, 2021
Date of Report: Mar 28th, 2021
Weather During Visit: Dusty 22°
Report Submitted By: Abedalaziz Abu Wandu

PURPOSE OF VISIT

General Site Inspection (Quality)	Handover (First Inspection)
Corrective Action (CA) Review Report	Second Final Inspection
Health & Safety (H&S)	OTHER (list below)
Site Meeting	
Substantial Completion Inspection	

PERSONNEL ON TRIP

No.	Name	Title	Agency
1.	Abedalaziz Abu wandi	Civil Engineer	Trigon
2.	O dai Tawalbeh	H&S Engineer	Trigon

PERSONNEL AT SITE *(if a site meeting or a final inspection, use attachment to list other participants)*

No.	Name	Title	Agency
1.	Mahmood Maghnam	Package Manager	Medanat
2.	Qais Malkawi	Site Engineer	Medanat
3.	Marah Abu Awad	Fresh Grad Engineer	Medanat
4.	Abdullah Al Zu'bi	H&S Engineer	Mednat
5.	Firas Odeh	Project Manager	Derar Saraireh & Sons
6.	Rami Haj Mohammed	Site Manager	Derar Saraireh & Sons
7.	Netham Tarawneh	H&S Engineer	Derar Saraireh & Sons
8.	Anas Omran	H&S Engineer	Derar Saraireh & Sons
9.	Mohammed Abu Laila	Tech. Foreman	Derar Saraireh & Sons

B. QUALITY, SCHEDULE AND H&S FINDINGS CHECKLIST

	<u>Construction Contractor</u>	<u>Supervisory Engineer</u>
A. <u>SITE DOCUMENTATION</u>		
1. Drawings and Specifications on site? (Y/N)	Y	Y
2. CC Safety Plan on site? (Y/N)	Y	Y
3. CC QC Plan on site? (Y/N)	Y	Y
4. Shop Drawings up to date? (Y/N)	Y	Y
5. Request for Information/Inspection up to date? (Y/N)	Y	Y
6. Sampling and Testing Tracking Log? (Y/N)	Y	Y
7. Hard copy files neat and up to date? (Y/N)	Y	Y
8. Inspector's Daily Journal up to date? (Y/N)	Y	Y
9. Non-Conformance Report up to date? (Y/N)	Y	Y
B. <u>SCHEDULE</u>		
1. SE has up to date CC Schedule on site? (Y/N)		Y
2. CC has up to date CC Schedule on site? (Y/N)	Y	
C. <u>EXIT OBSERVATIONS</u>		
1. What time does CC start work each morning on average?	7 am	
2. What time does CC stop work each day on average?	5 pm	
3. What is the average working hours per day?	9 hrs.	

C. DESCRIPTION OF FINDINGS

A. SITE DOCUMENTATION

All documentations are available onsite and neatly saved

B. HEALTH & SAFETY

1. Site is well gated and secured;
2. All workers had a full PPE gear on;
3. Sides of the cliff excavation shall be protected at all times,
4. Unacceptable dispose of excess concrete in the adjacent lands.

C. GENERAL QUALITY OBSERVATIONS

1. Works seemed to be carried as per specifications,
2. Quality and type of materials used by the contractor are within Construction Best Practices,
3. So far, the quality of executed Retaining walls, Boundary walls, Columns and Foundations are legitimate reasons for being optimistic towards SKEP III Package I projects,
4. Minimal amount of segregations were observed,

D. **SCHEDULE**

1. According to Medanat, physical progress has reached 23%, while planned progress is 23%
2. The average number of labors working daily on site in the past week is 45,

E. **STATUS OF UTILITY CONNECTIONS / OTHER OUTSTANDING ISSUE**

1. **Water Supply:** Not Connected
2. **Wastewater:** Septic Tank is being constructed
3. **Electricity:** Not Connected
4. **Other Issue:**

ATTACHMENTS – as marked below

4. **QUALITY CHECKLIST**
5. HEALTH & SAFETY ATTACHMENT

D. PHOTOS





The new School will be a 6454 sq.m 5-storey building and will consist of 24 classrooms, 4 KGs and 1 for special need. The school will service up to 928 Students, starting from KG2 to 10th grade

Photo Credit: Abedalaziz Abu Wandi – Mar 24th, 2021



Figure 1&2: Southern view of the Construction Site



External boundary wall is constructed. After the excavation was done, an almost 14-16 meters height of solid rocks were exposed. The geotechnical lab recommendation was that a shoring system is needed to protect the construction site. According to the design a shearing wall that will cover the exposed side of the excavation will be constructed. This wall goes up to the 4th floor. The circled area is loose rocks and soil.

Photo Credit: Abedalaziz Abu Wandī – Mar 24th, 2021

Figure 3: External Boundary Wall and proposed Shoring System



This loose rock/soil area shall be properly covered and protected at all times

Photo Credit: Abedalaziz Abu Wandī – Mar 24th, 2021

Figure 4: Loose Rock/Soil Area



The Executed retaining and external works looked perfectly done with no segregations observed.

Photo Credit: Abedalaziz Abu Wandu – Mar 24th, 2021

Figure 5: Finished Retaining & External walls



Dismantling framework of tie beams, quality seem to be as per specifications with no defects found.

Photo Credit: Abedalaziz Abu Wandu – Mar 24th, 2021

Figure 6: Dismantling Formwork



Preparing framework and reinforcement steel of the Water Tank

Photo Credit: Abedalaziz Abu Wandu – Mar 24th, 2021

Figure 7: Water Tank



Site leveling and framework for the 12M height Shear wall

Photo Credit: Abedalaziz Abu Wandu – Mar 24th, 2021

Figure 8: Site Leveling



Good safety procedure. A Lockout/Tagout sign was installed on the scaffolding to prevent workers from using the scaffolding.

Photo Credit: Abedalaziz Abu Wandī – Mar 24th, 2021

Figure 9: Lockout/Tagout sign



Unacceptable dispose of excess concrete

Photo Credit: Abedalaziz Abu Wandī – Mar 24th, 2021

Trigon Quality Field Trip Report Attachment
Notes:

Date:	Wednesday, March 24, 2021
School Name:	Al Khansa'a Basic Mixed School
Location:	Al Balqa
Program / Phase / Package	SKEP III Package I
Prepared by:	Abedalaziz Abu wandi

#	Task / Activity	Observations (Y/N)	Findings	Recommendations / Corrective Actions
A. Excavation				
		Y	Side of Excavations to be Protected	Proper Protection Shall be Used
B. Backfilling				
C. Sub Structural, Concrete, Foundations				
1	Footings			
2	Ground beams			
3	Tie beams			
4	Column neck			
5	Column	Y	Segregation Observed	Treated with Accepted Materials
6	waterproofing(Insulation)			
7	Slab on grade			
D. Super Structural, Concrete, Masonry works				
1	Columns			
2	Beams			
3	Slabs			
4	Roof			
5	Hollow Concrete Block (internal)			
6	Hollow Concrete Block (external)			
7	C-Channel			
8	Cladding Natural Stones			
9	Electrical conduits/ sleeves			
10	Mechanical pipes/sleeves			
E. Civil Works				
1	Access /Gates			
2	Steel Doors			
3	Wooden Doors			
4	Aluminum Windows			
5	Plastering (Internal)			
6	Plastering (External)			
7	Wall Paint			
8	Ceiling Paint			
9	Wall tiles			
10	Floor tiles (Internal)			

#	Task / Activity	Observations (Y/N)	Findings	Recommendations / Corrective Actions
11	External Floor tiles (Interlock /Stone)			
12	Cabinetry			
13	Lab Furniture			
14	Ceiling and roof system			

#	Task / Activity	Observations (Y/N)	Findings	Recommendations / Corrective Actions
15	Facades, Roof parapet			
16	PVC			
17	Carpet			
18	Expansion joint			
19	Roof insulation (waterproofing membrane)			
F. Electrical Works				
1	Wiring - conduits			
2	Electrical sockets			
3	Lighting fixtures			
4	Electrical Distribution Board			
5	Fire Alarm System			
6	Public Address			
7	Air Conditioning Units			
8	CCTV			
9	Manhole			
10	Electrical Earthing			
11	Wall Fan			
	Elevator			
G. Mechanical Works				
1	Rest Rooms, Toilets, WC			
2	Wall tiles			
3	Floor tiles			
4	Water Mixer			
5	Water Cooler			
6	Boiler,HVAC,Pumps			
7	Drainage			
8	Manholes, Clean-outs			
9	Fire Extinguisher			
10	Ventilation, AC Duct			
11	Emergency shower			
12	Septic Tank			
H. External Works				
1	Boundary walls			
2	C-Channel Finishing			
3	Fence			
4	Epoxy paint			
5	Landscaping			
6	External Paint			
7	Football/ Basketball Playground			
8	Sand playground for KG			

#	Task / Activity	Observations (Y/N)	Findings	Recommendations / Corrective Actions
9	Plants area			
10	Car Park/Asphalt			

Disclaimer: Trigon field trip reports include information and findings based upon those parts of the construction sites we visit. Our visits and our contract scope of work do not include Trigon to carry out first tier Quality Control/Assurance, i.e., reviewing submittals, drawings and specifications, reviewing contract compliance, or in any way carrying out close supervision of the works. Therefore our field-trip reports include cursory quality, health & safety and schedule information and its entry on our reports is intended to provide the reader only with a sense of our general observations of that part of the job site we have visited

CMTO Quality/Workmanship FTR Attachment #2

Construction Quality is carrying out work according to the Drawings and Specifications - Yes/No. This is the duty of the Contractor and the Supervisory Engineer. Quality Assurance (QA) is a check to ensure that the Contractor and Supervisory Engineer is working according to the Drawings and Specifications and observing and reporting generally on basic ongoing and/or completed construction workmanship and work quality. This report is a QA report and as such is an observational view of Contractor and Supervisory Engineer overall Quality Control management.

Date / Time of Field Trip: 24-3-2021

School Name: Al Khansa'a Basic Mixed School

Location: Al Balqa

Program/Phase/Package: SKEP III/1

Name of Contractor : Derar Saraireh & Sons

Name of Sup. Engineer: Medanat

Prepared by: Abedalaziz Abu wandi

I. GRADE KEY (Quality Observations)

3 Very Good\

2 Acceptable

1 Poor

2. General Observations : (Yes = 2 / No = 1)

#	General QC Management Observations (33% of Grade)	STATUS	GRADE
1	QC Plan Approved By Supervising Engineer	Yes	2
2	QC Plan on-Site and Used by Construction Contractor	Yes	2
3	Approved Schedule On Site	Yes	2
4	Approved Shop Drawings On Site	Yes	2
5	Approved Material Submittals On Site	Yes	2
6	Material Acceptance/Rejection Forms Used On Site	Yes	2
7	Material Acceptance/Rejection Tracking Log in Monthly Report	Yes	2
8	Hard Copy Drawings/Specifications On Site	Yes	2
9	Hard Copy Drawings Marked Up Daily to Be As-Built	Yes	2
10	Supervisory Engineer Has and Uses Specification Testing Plan	Yes	2
Sub-Total		100%	20

#	Activity Quality/Workmanship Observations (67% of Grade)	STATUS	GRADE
1	Excavation and Backfilling Works	Very Good	3
2	Reinforced Concrete (forming, steel, placing, final result, curing)	Very Good	3
3	External Wall Façade		-
4	Floor Tiles Installation		-
5	Internal Plastering		-
6	External Plastering		-
7	Doors and Windows		-
8	Mechanical and Plumbing (HVAC, Water Supply, Wastewater)		-
9	Electrical Works and Elevators		-
10	Internal Wall Tiling		-
11	Roof Waterproof Membrane		-
12	Internal and External Painting		-
13	Site Works		-
14	Protection of Completed Works		-
Sub-Total		100%	6
Quality Indicator Grade %		100%	

NOTES

1
2
3

3 Very Good
2 Acceptable
1 Poor

Yes
No