

**Construction Management of the Jordan School Expansion Project (JSEP)
and the Schools for a Knowledge Economy Project (SKEP)**

Site Visit Report Form

FTR # QR 280

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 **PHASE:** III **PACKAGE:** 2
School Name: Thahr Al Sarow Basic Boys School
Supervisory Engineer (SE) Name: Wahib Medanat
Construction Contractor (CC) Name: Dijlah Contracting Co.
Date and Time of Field Trip: Feb 9,2021 12:30 PM
Date of Report: Feb 11,2021
Weather During Visit: Sunny
Report Submitted By: Osama Obeid & Mohammad Sami Ali-Ahmad

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	Osama Obeid	Sr. Construction Manager	Trigon
2	Mohammad Sami Ali-Ahmad	Intern Civil Engineer	Trigon

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

No.	Name	Title	Agency
1	Sawsan Al Yousef	Residential Engineer	Medanat
2	Hasan Shaqbo'ah	QC Manager	Medanat
3	Mohammad Al Mobaideen	Safety Engineer	Medanat
4	Alaa Oleimat	Site Engineer	Medanat
5	Ghaith Al Otoom	Fresh Graduate	Medanat
6	Amer Abdelghani	Project Manager	Dijlah
7	Moayad Abu Irshaid	Quantities Surveyor	Dijlah

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8	Abdelmalek Husban	Site Engineer	Dijlah
9	Ayman Ayasrah	Fresh Graduate	Dijlah

B. QUALITY, SCHEDULE AND H&S FINDINGS CHECKLIST

(For any "No" answer in this section, the Observer shall provide a narrative explanation in Section C. of this Report including corrective action requested) **NA-Not Applicable, DC-Didn't Check**

	Construction Contractor	Supervisory Engineer
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>		
10. SE has up to date CC Schedule on site? (Y/N)		Y
11. CC has up to date CC Schedule on site? (Y/N)	Y	
C. <u>EXIT OBSERVATIONS</u>		
12. What time does CC start work each morning on average?	7 ½ AM	
13. What time does CC stop work each day on average?	4 ½ PM	
14. What is the average # of hours worked each day?	8 Hrs	

C. DESCRIPTION OF FINDINGS

(State if fact or opinion. Use attachments, maps, sketches if necessary)

A. SITE DOCUMENTATION

- All site documentations are available and up to date

B. HEALTH & SAFETY

- Site security : There is a gate for the construction site
- There is a site visitors book at entrance and hygiene hand gel

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C. GENERAL QUALITY OBSERVATIONS

- Foundations of the proposed building is completed and insulated with bitumen coat and Carton Sheets
- Ground Beams on process
- Backfilling materials and preparation works before casting the SOG
- Ground beams and preparation works for casting the S.O.G are ongoing
- The construction of west side of the boundary wall adjacent to Antiquities land is completed
- 90% of the east-side of boundary wall is completed
- The Construction of east-side-of the boundary wall adjacent to road is not started yet (see below-other issue)
- Steel bars are uncovered and exposed to weather and could lead to be rusty

D. SCHEDULE

- % completion : 16% of work is completed
- Avg # of workers : 22 workers/day
- The constructions work is on schedule

E. STATUS OF UTILITY CONNECTIONS / OTHER OUTSTANDING ISSUE

1. **Water Supply:** Not Connected

2. **Wastewater:** Not Connected

3. **Electricity:** Not Connected

4. **Other Issue:** Obstacle : East Side of the Boundary Walls

- The existing paved road adjacent to the school site encroached inside the proposed school site by 4 meters
- The Municipality of Jerash gave verbal approval to Contractor to construct the boundary wall as per design according to confirmation of Mednant and Dijlah
- Then, the Municipality conducted another inspection to site and decided to keep the road as is without any change to the road width according to confirmation by Medanat and Dijlah.
- Needs prompt actions to resolve this issue or otherwise the construction of the football field and boundary walls will be delayed.

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ATTACHMENTS – as marked below

- 1. QUALITY CHECKLIST**
2. MEETINGS / INSPECTION MINUTES
3. HEALTH & SAFETY ATTACHMENT

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E. PHOTOS



*FIGURE #01:
Project ID Sign on site.

Photo credit:
Mohammad Sami
Feb 9, 2021*

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FIGURE #02:

The Project consists of five floor building, in addition to other site works. The project internal area is 4615 m². And external area is 2827 m² Backfilling materials and preparation works before casting the SOG

*Photo credit: Mohammad Sami
Feb 9, 2021*



FIGURE #03:

During site tour with SE and Contractor, for work observations

*Photo credit: Mohammad Sami
Feb 9, 2021*

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FIGURE #04&05:

Foundations of the proposed building is completed and insulated. Preparation works (backfill and ground beams) for casting the S.O.G is ongoing

*Photo credit: Osama Obeid
Feb 9, 2021*



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FIGURE #06 & 07

The backfilling along the boundary wall adjacent to the antiquities land is ongoing but slowly because the Contractor needs a permission from the Antiquities Department at site in order to let the machines and equipments pass the land to unload the backfill materials.

*Photo credit: Mohammad Sami
Feb 9, 2021*



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FIGURE #08

The ground beams and walls under slab on grade is ongoing

*Photo credit: Osama Obeid
Feb 9, 2021*



FIGURE #07:

Uncovered steel bars, bars must be covered well in order to avoid rust

*Photo credit: Mohammad Sami
Feb 9, 2021*

Trigon Quality Field Trip Report Attachment

Notes:

Date:	Feb 09,2021
School Name:	Thahr Al Sarow Basic Boys School
Location:	Jerash
Program / Phase / Package	SKEP, Ph III, Pk 2
Prepared by:	

#	Task / Activity	Observations (Y/N)	Findings	Recommendations / Corrective Actions
A. Excavation				
B. Backfilling				
C. SubStructural, Concrete, Foundations				
1	Steel Bar	Y	Uncovered steel bars	Steel bars must be covered well to avoid rust
2	Footings			
3	Ground beams			
4	Tie beams			
5	Column neck			
6	Column			
7	waterproofing(Insulation)			
8	Slab on grade			
D. SuperStructural, 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	Clading Natural Stones			
9	Electrical conuits/ 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)			
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			
12	Elevator			
13	Electrical Room			
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 Finishings			
3	Fence			
4	Epoxy paint			
5	Landscaping			
6	External Paint			
7	Football/ Basketball Playground			
8	Sand playground for KG			
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