

Site Visit Report Form

FTR # QR386

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: Thahr Al Sarow Basic School for Boys

Supervisory Engineer (SE): Medanat Consultant Engineers

Construction Contractor (CC):

Dijlah Contracting

Date and Time of Field Trip:

May 23,202 |

May 26,202 |

Weather During Visit

Dijlah Contracting

May 23,202 |

May 26,202 |

Sunny 24°

Prepared By: Osama Obeid CMTO/Trigon
Submitted By: Osama Obeid CMTO/Trigon

Purpose of Visit

General Site Inspection (Quality)

Corrective Action (CA) Review Report Health, Safety & Environment (HSE)

Site Meeting

Substantial Completion Inspection

First Hand-over Inspection
Second Hand-over Inspection

OTHER (list below)

Personnel on Trip

No.	Name	Title	Agency
I	Osama Obeid	Sr. Construction Manager	CMTO/Trigon
2			

Personnel at Site (if a site meeting or a final inspection, use attachment to list other participants)

No.	Name	Title	Agency
1	Natheer Amareen	PM	Medanat
2	Sawsan Al Yousef	RE	Medanat
3	Alaa Eleimat	SE	Medanat
4	Mohammad Mbaideen	H&S Manager	Medanat
5	Gaith Otoom	Fresh Graduate	Medanat
6	Mohannad Abu Irshid	General Manager	Dijlah
7	Amer Yousef	PM	Dijlah
8	Moheeb Whaidi	H&S Manager	Dijlah



9	Abdelmalk Hussein	SE	Dijlah	
10	Moyad Abu Irshid	Q.S	Dijlah	
- 11	Ahmad Abdelhadi	H&S officer	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.	Site Documentation		_
	Drawings and Specifications on site? (Y/N)	Υ	Υ
	2. CC Safety Plan on site? (Y/N)	Υ	Υ
	3. CC QC Plan on site? (Y/N)	Υ	Υ
	4. Shop Drawings up to date? (Y/N)	Υ	Υ
	5. Request for Information/Inspection up to date? (Y/N)	Υ	Υ
	Sampling and Testing Tracking Log? (Y/N)	Υ	Υ
	7. Hard copy files neat and up to date? (Y/N)	Υ	Υ
	8. Inspector's Daily Journal up to date? (Y/N)	Y	Υ
	9. Non-Conformance Report up to date? (Y/N)	Υ	Υ
В.	<u>Schedule</u>		
	10. SE has up to date CC Schedule on site? (Y/N)11. CC has up to date CC Schedule on site? (Y/N)	Y	Υ
	The updated schedule under review		
C.	Exit Observation		
	12. What time does CC start work each morning on average?13. What time does CC stop work each day on average?14. What is the average # of working hours each day?	8:00 AM 5:00 PM 8 Hrs	

C. DESCRIPTION OF FINDINGS

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

A. **Site Documentation**

• All documentations are available onsite and neatly saved

B. Health, Safety & Environment (HSE)

- Site security: There is a gate for construction site
- There is hand gel, visitor record at entrance
- All workers had a full PPE gear on,



C. General Quality Observations

- The Ground Floor Slab is completed
- The First Floor Slab is completed
- The Second Floor Slab till infill strip is completed (first part), second part of the slab will be casted by end
 of May 202 I
- 80 % of Cement block walls for the ground floor is completed
- 50% of boundary walls are completed
- Stone cladding is ongoing
- Roughness and segregation in concrete
- · Poor workmanship on cement block work was noticed in the ground floor
- Mixing cement with water on the floor directly without using container

D. **Schedule**

- 33% of works is completed and the planned is 47%
- Ave worker/day: 19 worker/day
- The CC must increase the manpower to avoid delays

E. Status of Utility connections / other outstanding issue

I. Water Supply: Not connected

2. Wastewater: Not connected

3. **Electricity**: Not connected

4. Other Issue:

ATTACHMENTS – as marked below

- I. QUALITY CHECKLIST
- 2. MEETINGS / INSPECTION MINUTES
- 3. HEALTH, SAFETY & EVIRONMENT ATTACHMENT



E. PHOTOS



FIGURE #01:

Project ID Sign on site.







FIGURE #02&03:

The proposed project consists of four floors and roof building, in addition to another related site works. The project has an internal area of 4615 m2 and external area 2827.0 m2. Walls for ground floor is completed







FIGURE #04&05:

The CC prepared and installed Stone cladding (50*50 cm) & (25*25 cm) as a sample for SE comments/ approval.







FIGURE #06& 07:

55% of the skeleton works is completed. Preparation works for placing concrete for the of the second floor slab (2nd part)







FIGURE #08 & 09:

Preparation works for building cement block walls in the first floor





FIGURE #10:

Site meeting after site tour (CMTO/Trigon, Medanat & Dijlah) to discuss the findings, work progress and updated schedule

Photo credit: Mohamad Mbaideen H&S Manager/Medanat May 23, 2021







FIGURE #11 & 12;:

Poor workmanship on cement block work was noticed in the ground floor





FIGURE #13

Mixing cement with water on the floor directly without using container

Photo credit: Osama Obeid CMTO/Trigon May 23, 2021



FIGURE #13

Roughness and segregation in concrete





FIGURE #14

Damaged of Cartonal Sheets must be replaced



Trigon Quality Field Trip Report Attachment #1

Notes:

Date: _	23-May-21	
School Name:	Thahr Al Sarow Basic School	
Location:	Jerash	
Program / Phase / Package	SKEP/III/2	
Prepared by:	Osama Obeid CMTO/Trigon	

	Prepared	l by:	Osama Obeid CMTO/Trigon	
#	Task / Activity	Observ- ations (Y/N)	Findings	Recommendations / Corrective Actions
A. Ex	cavation			
B. Ba	ackfilling			
C. Su	bStructural, Concrete,Foundations			
1	Steel Bar			
2	Footings			
3	Ground beams			
	Tie beams			
	Column neck			
	Column			
	waterproofing(Insulation)			
	Slab on grade			
	perStructural, Concrete,Masonry works			
	Columns		· ·	
2	Beams			
3	Slabs	Y	Roughnes and segrtegation in concrete	Must be repaired with special materials
4	Roof			
5	Hollow Concrete Block (internal)	Y	Poor workmanship	Must be removed and build new cement blocks
6	Hollow Concrete Block (external)		·	
	C-Channel			
8	Clading Natural Stones			
9	Electrical conuits/ sleeves			
10	Mechnical pipes/sleeves			
	vil Works			
1	Access /Gates			
	Steel Doors			
3	Wooden Doors			
	Door's accessories			
	Aluminum Windows			
6	Window screen			
7	Steel protection			
8	Granite sill for window			
9	Plastering (Internal)			
10	Plastering (External)			
11	Wall Paint			
12	Ceiling Paint			
	Wall tiles			
	Floor tiles (Internal)		i e de la companya d	



Task / Activity ations Findings Recommendations / Corrective Actions		The state of the s				
15 External Floor tiles (Interiox/Stono)						
September Sept	#	Task / Activity		Findings	Recommendations / Corrective Actions	
September Sept			(Y/N)			
16 Cabriet	•					
16 Cabriet	15	External Floor tiles (Interlock /Stone)				
17 Facades, Roof parapet	16	Cabinet				
18 Lab Furniture	17	Facades, Roof parapet				
19 Ceiling and roof system	18	Lab Furniture				
20 Acoustic Celling	19	Ceiling and roof system				
22	20	Acoustic Ceiling				
22 Facades, Rod parapet		r restant seming				
23 PVC 24 Carpenting 25 Expansion joint 26 Expansion joint 27 Flashing 10 cm 27 Flashing 10 cm 28 Carpenting		Foredes Doef neveret				
24 Carpenting	22	racades, Rooi parapet				
25 Expansion joint	23	Corporting				
26 Roof insulation (vasterproofing membrane) 27 Flashing 10 cm Cold Fluid applied for boundary walls and septic 28 tank F. Electrical Works	25	Expansion joint				
27 Flashing 10 cm Cold Fluid applied for boundary walls and septic	25	Destination (waterpresting march ress)				
Cold Fluid applied for boundary walls and septic 28 tank	20	Roof insulation (waterproofing membrane)				
28 lank	21	Cald Third and its different accordance will and a serie				
Wintp conduits						
1 Wiring - condiuts	28	tank				
Electrical sockets	F. El	ectrical Works				
Section Sect	1	Wiring - condiuts				
Electrical Distribution Board	2	Electrical sockets				
5 Fire Alarm System 6 Public Address 7 Air Conditioning Units 8 CCTV 9 Manhole 10 Electrical Earthing 11 Wall Fan 12 Elevator 12 Elevator 13 Elevatical Room 6. Mechanical Works 8 1 Rest Rooms, Toilets, WC 2 2 Wash basin 3 3 Wall tiles 9 4 Floor tiles 8 5 Water Mixer 9 Water Cooler 7 7 Water Tank 8 8 Boiler 9 9 Heat Radiator 9 10 Pump 1 11 HVAC System 1 2 AC unit Spit Units(Wall mounted) 1 13 Pump 1 15 Submersible pump sets. 1 16 Manholes, Clean-outs 1 17 Fire Extinguisher 1 18 Fire hose cablent 1 19 Vertilation, AC Duct 1	3	Lighting fixtures				
6 Public Address	4	Electrical Distribution Board				
7 Air Conditioning Units	5	Fire Alarm System				
8 CCTV 9 Manhole 10 Electrical Earthing 11 Walf Fan 12 Elevator 13 Electrical Room 6 Mechanical Works 1 Rest Rooms, Toilets, WC 2 Wash basin 2 Wash basin 3 Walf ities 4 Floor titles 5 Water Mixer 6 Water Cooler 7 Water Tank 8 Boiler 9 Heat Radiator 10 Pump 11 HVAC System 11 HVAC System 12 AC mult Split Units(Wall mounted) 13 Pump 14 Drainage 15 Submersible pump sets. 16 Manholes, Clean-outs 17 Fire Extinguisher 18 Fire hose cabient 19 Vertifulion, AC Duct						
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10 Electrical Earthing						
11 Wall Fan	10	Electrical Earthing				
12 Elevator	11	Wall Fan				
13 Electrical Rooms						
Rest Rooms, Toilets, WC	13	Electrical Room				
1 Rest Rooms, Toilets, WC 2 Wash basin 3 Wall titles 4 Floor tiles 5 Water Mixer 6 Water Cooler 7 Water Tank 8 Boiler 9 Heat Radiator 10 Pump 11 HVAC System 12 AC unit' Split Units(Wall mounted) 13 Pump 14 Drainage 15 Submersible pump sets. 16 Manholes, Clean-outs 17 Fire Extinguisher 18 Fire hose cabient 19 Ventilation, AC Duct	G. M	echanical Works				
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17 Fire Extinguisher 18 Fire hose cabient 19 Ventilation, AC Duct	15	Submersible pump sets.				
18 Fire hose cabient 19 Ventilation, AC Duct	16	Manholes, Clean-outs				
19 Ventilation, AC Duct	17	Fire Extinguisher				
19 Ventilation, AC Duct	18	Fire hose cabient				
20 Emergancy shower	19	Ventilation, AC Duct				
20 Lindigatory showar	20	Emergency shower				



		Observ-		
#	Task / Activity	ations (Y/N)	Findings	Recommendations / Corrective Actions
21	Septic Tank			
H. E	xternal 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			
	Car Park/Asphalt			

The CC must increase manpower

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: May 23,2021	
	School Name: Thahr Al Sarow S	school
	Location: Jerash	
	Program/Phase/Package: SKEPIII/P2	
	Name of Contractor: Dijlah Contracting	g
	Name of Sup. Engineer: Medanat Consulta	ant
	Prepared by: Osama Obeid CN	1TO/Trigon
I. GRADE KEY (Quality Observations)		
3 Very Good\		
2 Acceptable		
l 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
T	Excavation and Backfilling Works	Acceptable	2
2	Reinforced Concrete (forming, steel, placing, final result, curing)	Acceptable	2
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		-
П	Roof Waterproof Membrane		-
12	Internal and External Painting		-
13	Site Works		-
14	Protection of Completed Works		-
	Sub-Total	67%	4
	Quality Indicator Grade %	78%	