

# Site Visit Report Form

# FTR 277 HSE

### 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: 1			
School Name:	Al Khansa' Basio	: Mixed School				
Supervisory Engineer (SE) Name:	Wahib Medanat Consultant Engineers					
Construction Contractor (CC):	Derar Saraireh	& Sons for Engir	neering and Contracting			
Date and Time of Field Trip:	Mar 24 <sup>th</sup> , 2021					
Date of Report:	Mar 30 <sup>th</sup> , 2021					
Weather During Visit:	Dusty 22°					
Report Submitted By:	Odai Tawalbeh					

#### PURPOSE OF VISIT

General Site Inspection (Quality) Corrective Action (CA) Review Report Health, Safety and Environment (HSE) Site Meeting Substantial Completion Inspection Handover (First Inspection) Second Final Inspection OTHER (list below)

#### PERSONNEL ON TRIP

No.	Name	Title	Agency		
1	Odai Tawalbeh	HSE Engineer	Trigon Jordan (CMTO)		
2	Abedalaziz Abu Wandi	Civil Engineer	Trigon Jordan (CMTO)		

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

No.	Name	Title	Agency			
1	Mahmoud Maghnam	Package Manager	Wahib Medanat Consultant			
2	Qais Malkawi	Site Engineer (SE)	Wahib Medanat Consultant			
3	Marah Abu Awwad	Fresh Grad. Engineer	Wahib Medanat Consultant			
4	Abdullah Al-Zoubi	HSE Manager	Wahib Medanat Consultant			
5	Feras Odeh	Project Manager (PM)	Derar Saraireh & Sons			
6	Rami Alhaj-Mohammad	Site Manager	Derar Saraireh & Sons			
7	Netham Tarawneh	HSE Officer	Derar Saraireh & Sons			
8	Anas Emran	HSE Manager	Derar Saraireh & Sons			
9	Mohammad Abu Laila	Technical Supervisor	Derar Saraireh & Sons			



## B. QUALITY, SCHEDULE AND H&S FINDINGS CHECKLIST

	Construction Contractor	Supervisory Engineer
A. SITE DOCUMENTATION		
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. As-Built Drawings up to date? (Y/N)		
5. Hard copy files neat and up to date? (Y/N)	Y	Y
6. Inspector's Daily Journal up to date? (Y/N)	Y	Y
B. SCHEDULE		
7. SE has up to date CC Schedule on site? (Y/N)		Υ
8. CC has up to date CC Schedule on site? (Y/N)	Y	
C. EXIT OBSERVATIONS		
9. What time does CC start work each morning on average?	7 am	
10. What time does CC stop work each day on average?	5 pm	
11. What is the average working hours per day?	9 hrs.	(I hr. break)

### **C. DESCRIPTION OF FINDINGS**

#### A. SITE DOCUMENTATION

All site documents are neat and up-to-date.

#### B. <u>HEALTH, SAFETY & ENVIRONMENT</u>

- 1. For more information about HSE status at the site, please see the attached Trigon HSE Field Trip Report later in this form.
- 2. For more information about Contractor's compliance with the COVID-19 MOL Measures, please see the attached JSEP and SKEP H&S Activities According to the Ministry of Labor (MOL) Working Procedures for Safety (Construction Projects) later in this form.

#### C. GENERAL QUALITY OBSERVATIONS

For more information, please refer to the Quality Report.

#### D. <u>SCHEDULE</u>

For more information, please refer to the Quality Report.

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



#### E. STATUS OF UTILITY CONNECTIONS / OTHER OUSTANDING ISSUE

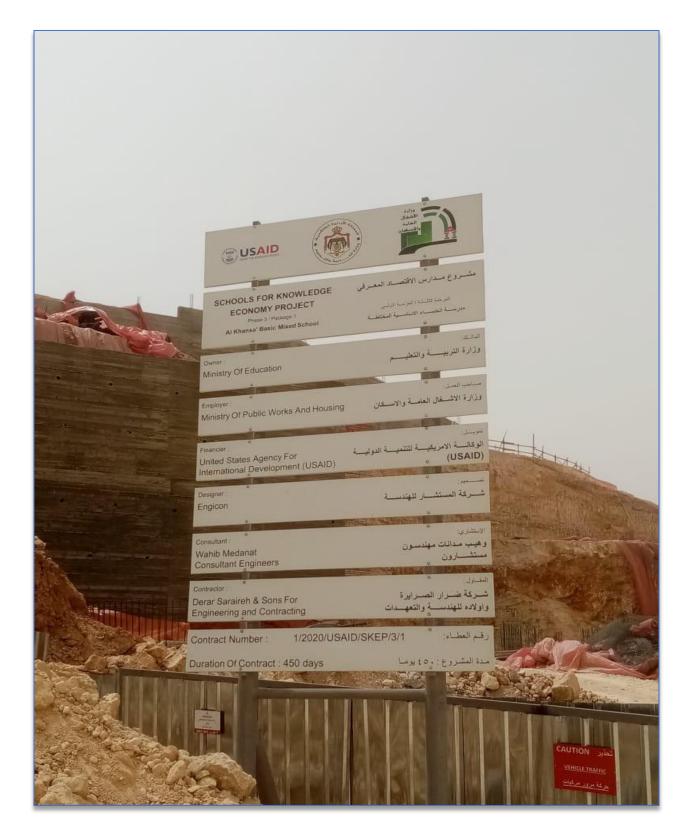
- 1. <u>Water Supply</u>: Not Connected.
- 2. <u>Wastewater</u>: Septic Tank is being constructed.
- 3. <u>Electricity</u>: Not Connected.
- 4. Other Issues:

#### 5. ATTACHMENTS - as marked below

- 1. QUALITY CHECKLIST
- 2. HEALTH, SAFETY & ENVIRONMENT ATTACHMENT



## D. PHOTOS



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



### Figure #2:

Unsupported deep excavation walls, as well as unguarded and protruding steel reinforcement bars.

**Action Required** 

Photo Credit, Odai Tawalbeh, CMTO/Trigon, March 24<sup>th</sup>, 2021

### Figure #3:

Rock on the edge of a steep slope in an extremely scary condition. Danger of rolling towards neighboring houses.

**Action Required** 

Photo Credit, Odai Tawalbeh, CMTO/Trigon, March 24<sup>th</sup>, 2021



High









Trigon HSE Field Trip Report Attachment										
Date and Time of Field Trip:	March 24, 20	121								
		I Khansi Basic Mixed School								
	1	Shourah District, AL-Balqa Governorate								
Program / Phase / Pakage:		EP / Phase III / Package I								
	1	eh and Adnan Co	obein							
JSEP/SKEP PROJECT HS RQMT	S U N/		obein		GENERAL COMMENTS					
Contrctors HSE Plan	s o n/				SERENAE CONTRENTS					
Risk Assessment (RA)	s c									
Toilets, Washing Facilities	s c									
Potable Water	U	Water prov	ided to	workforce does not meet occupational health requirem	nents on site. No water cooler is provided for workers, the	ey dr	ink dir	ectly from b	ottles. Th	is is a source of
Training, Competency	S									
First Aid Box, Medical Attention	S									
Emergency Contact Numbers	S									
Fire Extinguishers	S									
Assembly Point	S	1								
Evacuation Plan	S	1								
Recordkeeping, Reporting	S									
Storage Area	S									
Track Waste, Recycling	S									
Permit To Work (PTW)	S	+								
COVID-19 MOL Measures	S	+								
HSE Awareness	S	+								
Site Supervisor	S	+								
Site Management	S	+								
S = SATISFACTORY		1	١	N/A = NOT APPLIACABLE	U = UNSATISF	АСТ	ORY			
	Oheren	Deter				-	Follow	Diffe		Current Stat
Task / Activity	Observ.	Date	sc	Findings	Recommendations		qu	Date	SC	Current Status
H&S Regulations	Y N N//	N Contraction			-	YN	I N/A			
Site Security	Y	3/24/2021	5	The construction site vehicle access gate was not properly secured against public, as well as no corrective action from the contractor side has been taken regarding the damaged site fencing mentioned in the previous reports.	<ol> <li>All entrances and exits must be properly secured to prevent public access to the site.</li> <li>Immediate action from the contractor side must be taken to repair the damaged site fencing that were observed nearby the construction site vehicle access gate.</li> </ol>					OPEN
HSE Signage	N	3/24/2021	7			$\top$				
Excavation, Backfilling	Y	3/24/2021	3	No corrective action from the contractor side has been taken regarding the unsafe deep excavations mentioned in the previous reports, as well as the falling objects hazard.	<ol> <li>Prevent collapse – shore, bench, or batter back. Do not assume ground will stand unsupported.</li> <li>Prevent workers and materials falling in – with barriers strong enough not to collapse if someone falls against them.</li> </ol>					OPEN
Scaffolding, Temporary Works	N	3/24/2021	7							
Ladders, Stepladders	N	3/24/2021	7							
Electrical	N	3/24/2021	7			$\uparrow$				
Working At Height								İ		
Lifting Ops.	Y	3/24/2021	3	No corrective action from the contractor side has been taken regarding the damaged sheaves on the mobile crane mentioned in the previous report.	Immediate action required. Grooves on the mobile crane must be smooth and free from surface defects which could cause rope damage.					OPEN
Hand Tools, Powered Tools, Heavy Powered Equip.	N	3/24/2021	7			$\top$				
Public Protection	Y	3/24/2021	3	Poor public protection at the site.	All areas that were noted on this inspection must be corrected, and all systems should meet site					OPEN



					No corrective action from the contractor side has	Immediate action required. All the on-site protruding					
					been taken regarding the unguarded and protruding	steel reinforcement bars must be guarded with safety					
Concrete R/F Starter Bar	Y		3/24/2021	3	steel reinforcement bars were observed on site during	mushroom caps to prevent impalement.					OPEN
					the previous inspections.						
Occupational Health, Hygiene Conditions		N	3/24/2021	7			+				
Fire Prevention		N	3/24/2021	7							
Housekeeping Standards		N	3/24/2021	7				+			
Materials Storage			2/2//2021	_	Not all materials are properly stored at the site.	More attention required. All materials and equipment					
	Ŷ		3/24/2021	5		must be stored correctly at the site.					
Welfare Facilities		N	3/24/2021	7							
PPE		Ν	3/24/2021	7							
			Total H&S %	58%					Total CA %		
			Action Status		NEEDS IMPROV.			4	Action Status	6	
Environmental Regulations	Y	N N/A	<u> </u>				۲N	I N/A			
Waste Management		Ν	3/24/2021	7							
Dust Management	Y		3/24/2021	5							
Tracking / Transporting Waste		N	3/24/2021	7							
Runoff Discharge											
Noise Nuisance		Ν	3/24/2021	7							
Air Pollution	Y		3/24/2021	5							
Land Pollution	Y		3/24/2021	3	Unacceptable dispose of excess concrete in the adjacent lands.	Immediate action required.					
Water Pollution		Ν	3/24/2021	7							
Environmental Impacts	Y		3/24/2021	4							
		То	tal Environ. %	<b>56%</b>					Total CA %	6 #DIV/0!	
			Action Status		NEEDS IMPROV.			4	Action Status	6	
Notes:											
I. The above HSE scoring express the Contractor's complia	ance	with ea	ch task / activi	ty to fir	nd out the average of HSE program performance on site						
2. Each task / activity has a score and all scores above are o	ut of	f I 0. (Le	ave blank if no	t applie	cable)						
3. The total percentage for both H&S and Environment wil	l be (	calculate	ed using the fo	llowing	formulas.						
• Total H&S % = [ (Total SUM of H&S Score) / (Total No. o	of Ap	plicable	H&S Activitie	s x 10)	] × 100						
• Total Environmental % = [ (Total SUM of Environmental	Scor	e) / (Tot	al No. of Appl	icable I	Environmental Activities x 10) ] x 100						
4. Examining this HSE scoring, one can draw two simple co	onclu	sions:									
<ul> <li>The total percentage of H&amp;S equals 58%, indicating that t</li> </ul>	he A	ction St	atus of H&S st	ill "NE	EDS IMPROVEMENT".						
<ul> <li>The total percentage of Environment equals 56%, indicati</li> </ul>	ng th	at the E	invironmental	Status	also "NEEDS IMPROVEMENT".						
COMPLIANT >= 70%				70% > 1	NEEDS IMPROVEMENT >= 50%	AT RISK •	< 50%	6			

	LEGEND								
L. L.	Low Risk	Manage by routine procedure							
м	Medium Risk	Needs Improvements							
н	High Risk	Immediate action require							

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 unsory 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.

### JSEP and SKEP H&S Activities According to the Ministry of Labor (MOL) Working Procedures for Safety (Construction Projects)

#	Div. #	MOL Safety Measure / Procedure / Non MOL activity in Blue	Y/N	Comments
Α		First A: Job sites		
I	I	The work on the sites should limited to the basic construction works of the project and with minimal manpower;	Y	
2	2	Commitment to apply work procedures for the applicable safety and preventive measures to reduce the spread of the Corona virus, Directory No. 9 for industrial enterprises chapter issued by the Ministry of Labor excludes Chapter Six (housing buildings residence and tenth) (kitchen and catering market);	Y	
3	3	All office work is done remotely using technical means;	Y	
4	4	Site offices are used only by necessity and by a limited number of persons;	Y	
5	5	A daily work program is presented by the contractor explaining the daily work list of the labor that is required to exist (and to a minimum), including the places of residence phone numbers and mode of transportation;	Y	
6	6	Publications on prevention and control of the spread of the Coronavirus are distributed in all project facilities;	Y	
7	7	Personal Protective Equipment (PPE) is secured for all on site structural by risk type;	Y	
8	8	Adequate disinfection stations are secured in the workplace at the entrances and exits;	Y	
9	9	Work sites and facilities designated for employment are cleaned on a daily basis the contractor using sterile materials;	N	
10	10	Do not hold any meetings inside the offices and only meet with through technical means of communication.	Y	
		Second: Protection of site workers:		
		Provide all safety and health protection equipment provided that it be limited the minimum is as follows:		
11	I	Provide special clothes to work on the site and prevent them from leaving the site;	Y	
12	2	Providing disposable gloves that are delivered to workers before entering the site and disposing of them before leaving the site and in safe places;	Y	
13	3	Providing a medical mask to prevent the spread of the spray (N95);	N	
14	4	Establish preventive measures to reduce the spread of fires;	Y	

#	Div. #	MOL Safety Measure / Procedure / Non MOL activity in Blue	Y/N	Comments
15	5	Work to check the temperature of workers at the site before entering the sites and during work and before exiting the site;	Y	
16	6	Adherence to the instructions for spacing between people on the job site and supervisors a minimum of a meter and a half;	Y	
17	7	Preventing gatherings of workers for whatever reasons;	Y	
18	8	Providing individual meals to limit gatherings;	Y	
19	9	The Occupational Safety and Health Supervisor follows up on all instruction prevention of the outbreak of new COVID- 19 virus and the procedures outlined above;	Y	
20	10	The contractor is obliged to secure the required quarantine <b>to the sites approved</b> by the authorities competent;	Y	
21	11	Continue to change medical masks every two hours for exposed workers to dust directly;	N	
22	12	Providing quantities of water for workers distributed in each work site and easy access to it;	Y	
23	13	The setting of mandatory signs prevents touching the face and adherence to special equipment safety and according to the construction standards and equipment for the viral risks such as medical masks and medical gloves before wearing business gloves structural;	Y	
24	14	Commitment to occupational safety and health standards, instructions and regulations issued under the Jordanian Labor Law;	Y	
25	15	Commitment by contractors to implement system No. (7) and system No. (42) and regulation (43) according to the requirements of the Labor Law;	Y	
26	16	Do not use long-term (washable) masks for construction workers exposed to dust.	Y	
		Third: Mobility		
27	I	Transfer (workers and supervisors) according to Guide No. (11), the means of transportation issued by Ministry of Labor.	Y	
28	2	The vehicles used by the contractor to transport the workers are determined. (Assume this to mean disinfected)	N	
		Fourth AA: Cargo transportation		
29	Ι	All incoming and outgoing vehicles are disinfected by spraying materials disinfection and isolation of the driver directly in the disinfection area located in entrances and exits of the project;	N	

#	Div. #	MOL Safety Measure / Procedure / Non MOL activity in Blue	Y/N	Comments
30	2	All Flyer awareness flyers for COVID-19 are distributed to all drivers;	N	
31	3	Providing all drivers with personal protective equipment through a box dedicated for this equipment.	N	