PMS NEWSLETTER

Philippines

JUNE - JULY 2024 **F.Y. 2024 No. 3**

"Quality is conformance to requirements – nothing more, nothing less" – Philip B. Crosby

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ABOUT THE COVER

The PMS Makati team conducted face-to-face audits of the Civil projects during the 2nd Quarter of Year 2024 . The first audit was performed on Luzon II from June 17-18, 2024, and was led by Amado Alamag Jr. (Audit Leader/E.H.S. Auditor) and Richard Lopez (Quality Auditor). Meanwhile, Godffrey Vidal (Audit Leader/Quality Auditor) and Jermaine Zaballas conducted their audit at Mindanao from July 15-17, 2024.

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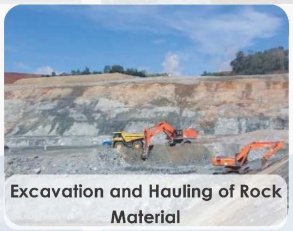
TAILINGS DAM PROJECT

PROGRESS PERCENTAGE AS OF JULY 31,2024
77.20%

JUNE ACTIVITES


General Toolbox Meeting


Excavation and Hauling of Rock Material

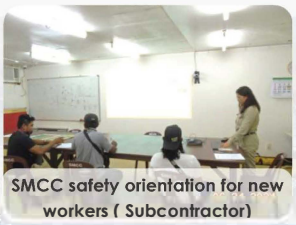

Rebar inspection – Checking of splice length

SMCC staff attending the "14th Shokuju Day" *(tree-planting)* which was held on June-05-2024 located at Bambusitum Rehabilitation Area.


Coordination Meeting


Preparation of Regular Core Material


Concreting works for T-3 Foundation


SMCC safety orientation for new workers (Subcontractor)


Soil Investigation and Trial Excavation at Disposal 7


Laying of concrete samples for compressive test

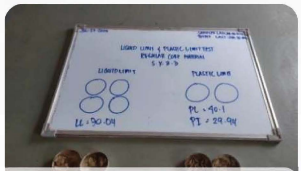
JULY ACTIVITES


Specific Gravity Test samples of Regular Core Material

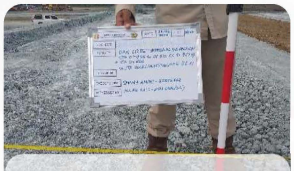

Hauling and disposal of unsuitable material


Dam Crest Internal Inspection- Overview

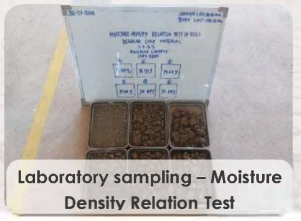

Concrete Spillway inspection - Width


Laboratory sampling – Liquid and Plastic Limit Test

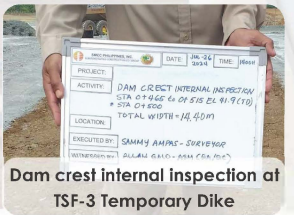

Regular Core Embankment


Dam crest internal inspection at TSF-3 Downstream


Concrete Spillway inspection – Rebar Spacing


Laboratory sampling – Moisture Density Relation Test


Extensometer Reading



Dam crest internal inspection at TSF-3 Temporary Dike


Concrete Spillway inspection - Depth

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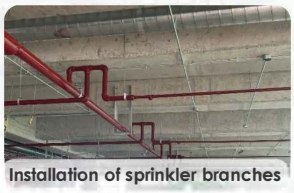
NEW FACTORY PROJECT

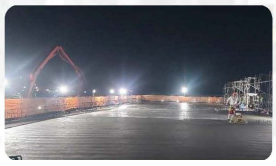
PROGRESS PERCENTAGE
AS OF JULY 28 ,2024
59.79%

SITE PROGRESS PHOTOS

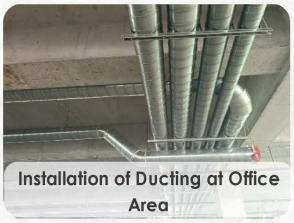
JUNE 2024



Installation of sprinkler branches and cross main pipe



Concreting works of suspended slab at Roof Deck



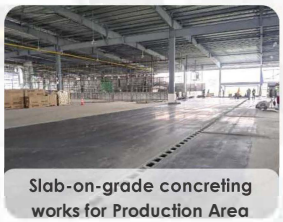
Installation of Ducting at Office Area

Concreting works of SOG at office Area

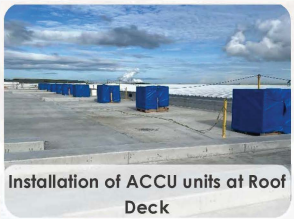
Gravity Testing at sewer piping system

Installation of Lighting fixtures at production area

JULY 2024



Slab-on-grade concreting works for Production Area



Installation of ACCU units at Roof Deck

Casting of concrete pavement road

Installation of Electronic wiring devices

Installation of Metal Siding along G.L. N

Installation of Electrical Piping at Office Area

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PRECAST RESIDENTIAL PROJECT

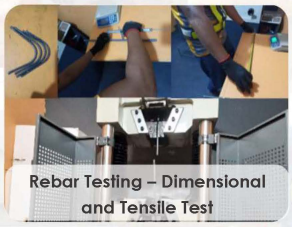
PROGRESS PERCENTAGE AS OF JULY 31,2024

64.07%

(Base from Monthly Progress Report of July 2024 for 774 + 41+58 Housing units)

JUNE 2024

SITE ACTIVITY



Rebar Testing – Dimensional and Tensile Test

PMS International Audit

Concrete chloride test and checking of temperature

Transfer of precast panel

Green Curtain Campaign

Workers orientation on proper use of tools

JULY 2024

CLIENT ACTIVITY

Joint Meeting with Client and SMCC Team

Roof Framing Inspection

Inspection of column upstand plumbness and dimensions

Witness of water leak test

Pre-Inspection of Column footing and upstand wall

Field Density Test prior for SOG rebar installation

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TAILINGS DAM STORAGE EXPANSION PHASE 3

PROGRESS PERCENTAGE AS OF JULY 31,2024

32.93%

DEWATERING WORKS

TAILINGS STORAGE FACILITIES - 4TH STAGE MAIN WORKS

PROGRESS PERCENTAGE AS OF July 31,2024

4.27%

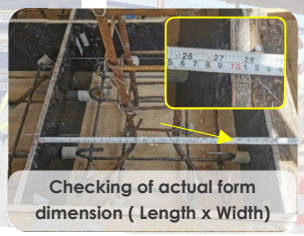
Dam Foundation Preparation

SPILLWAY 4TH STAGE PREPARATION WORKS

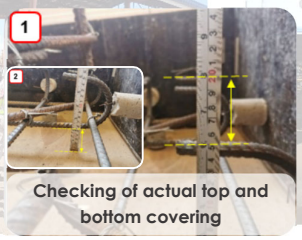
PROGRESS PERCENTAGE AS OF July 31,2024

38.28%

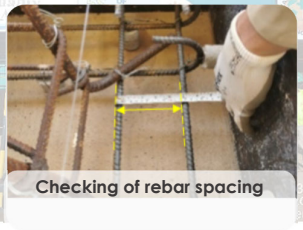
Overview of rebar street lights footing



Checking of actual form dimension (Length x Width)



Checking of actual top and bottom covering



Checking of rebar spacing

Checking the actual top covering of pedestal

Provision of additional protection before concreting works

Concreting of precast pedestal

Application of curing compound

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Quality Corner

MATERIAL HANDLING OF REBARS

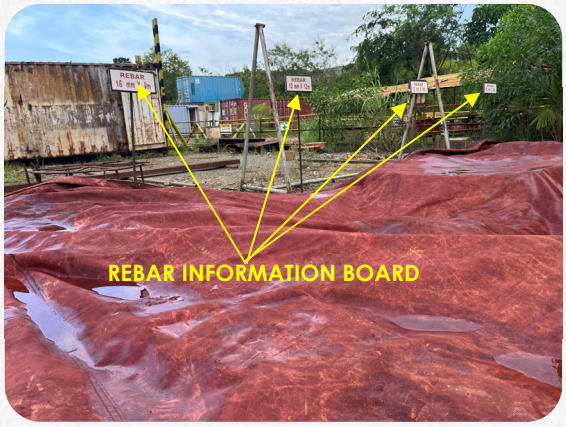
Proper handling of rebars (reinforcing bars) is crucial to ensure safety, prevent damage, and maintain the integrity of the construction project. Here are some key practices for proper material handling of rebars.

1. **Inspection and Inventory**
   A. Upon delivery, inspect the rebars for any damage, rust, or defects before unloading to the laydown area.
   B. Keep a detailed record of rebars quantities, sizes and grades for easy monitoring and traceability.

2. **Handling**
   A. Use appropriate lifting equipment such as cranes or boom lift to handle heavy bundles of rebars. Do not overload lifting equipment or exceed its capacity.
   B. When handling manually, use gloves to protect and ensure proper lifting techniques to avoid injury.

3. **Storage**
   A. Store rebars in a dry, elevated location to prevent rust and contamination. Use concrete wills or pallets to keep them
   B. Cover rebars with tarps or other protective materials to shield them from rain and extreme temperatures.
   C. Provide information board for the stored rebars according to their specifications (e.g. length, diameter, grade)

4. **Transportation**
   A. Ensure a lifting plan is prepared by the site-in charge and proper lifting equipment is used to transport the rebars to the designated area.
   B. Ensure that the rebar bundles are securely fastened during transportation to prevent falling or shifting



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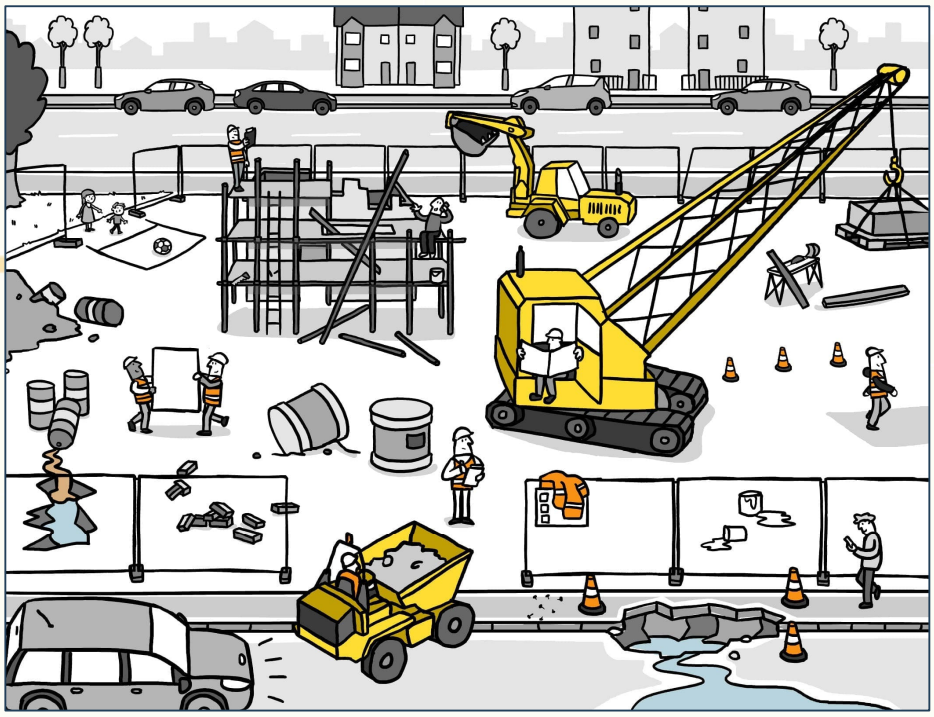
SPOT THE HAZARD

Can you identify the 15 unsafe acts and conditions in this image below? This interactive puzzle will develop visual skills in safety inspections.



1. Concrete is generally best placed when its temperature shall not exceed 35°C. Extreme temperatures can affect setting times and strength.
2. Air content in concrete refers to the amount of air voids present in the concrete mixture.
3. Concrete cylinders shall be taken for each days pour and for each 75 cubic meters or fraction thereof with 9~12 samples
4. Spacing of vibrated area - 1.5 times the radius of action while Insertion time - 5 to 15 seconds.
5. The slump test is a common method used to measure the consistency or workability of fresh concrete

Ref.: PH-ITP-007 – Concrete Works

FIND AND LOOP THOSE RED WORDS ON THE BOX BELOW

S	V	Q	R	Y	K	C	V	E	U	T	C	R	I	R	P
Y	Z	Q	P	C	Y	T	C	M	O	T	S	R	V	Q	E
R	C	R	P	Q	T	V	N	I	E	C	X	X	V	K	N
P	R	N	P	W	Y	I	R	S	C	G	O	D	N	V	C
Z	U	G	W	C	R	E	S	S	Y	R	E	V	O	V	T
T	C	N	O	G	C	S	A	C	L	P	P	E	Z	Q	R
C	C	I	S	M	V	P	I	E	I	U	G	E	C	T	X
C	Y	Y	Q	S	P	A	C	I	N	G	M	D	P	T	R
X	J	X	B	P	N	F	O	Z	D	X	E	P	N	J	C
V	C	Z	Q	O	A	T	I	I	E	Q	W	E	F	T	T
N	J	A	L	T	E	M	P	E	R	A	T	U	R	E	R
O	G	Z	V	D	W	Q	X	X	S	N	R	V	E	A	X
W	I	Z	R	W	P	G	X	T	O	C	C	U	R	E	E
C	V	S	S	U	P	X	Y	C	E	C	V	J	U	W	V
R	I	P	Q	V	G	E	C	A	R	T	N	I	O	Q	E
O	Q	R	D	W	I	O	X	N	X	C	Q	R	C	E	I

WORD FORMATION

L			
A			
N			
D			

D			
N			
A			
L			

L	A	N	D

L			
	A		
		N	
			D

If you have answered all the puzzles quickly email to :

Mr. Richard (rlopez@smcc.com.ph)