



March 26, 2019

DIVISION MEMORANDUM
No. 197s. 2019

CORRIGENDUM/ADDENDUM TO DIVISION MEMORANDUM NO. 148 s, OF 2019
"MIGRATED ELECTRICAL INSTALLATION AND MAINTENANCE (EIM) SKILLS
ENHANCEMENT TRAINING IN EPP/TLE/TVL SUBJECT"

To : Asst. Schools Division Superintendents
Chiefs, CID & SGOD
Division Education Program Supervisors/Division Coordinators
Public Schools District Supervisors/District-In-Charge
School Heads
All Others Concerned

1. This is to inform the field on the following changes and additional information regarding on the **Live-Out** Electrical Installation and Maintenance (EIM) Skills Enhancement Training and Assessment in the Migrated EIM Track in TVL Subject on April 22-28, 2019 at Mandaue Comprehensive National High School, Mandaue City.
2. The **FINAL LIST** of participants of the skills training.

No	Name of Participants	School/District
1	Howel Jay Caluyo	Ayungon NHS
2	Geboy Armenia	Obat NHS
3	Carl Awing	Sta. Catalina NHS
4	Brian Rafales	CZNNHS
5	FilanSinapuelas	Don Emilio M. Macias Mem. HS
6	JemaineAlanano	Dauin NHS
7	Arnold Bad-an	Valencia NHS
8	Gemuel C. Ibero	Janti anon HS
9	Jay Maquiling	Manjuyod NHS
10	Dennis Calinao	Silab CHS
11	Dexter Angay	DLANHS
12	Agosto Mozart	Jimalalud NHS
13	Bb Jaydown Que	Jimalalud NHS
14	Rodrigo Kuhay	CORNHS
15	Jose Santos	ETMRHS
16	Carlos Ocag	JBCMHS-Main
17	Gamaliel Antinero	JBCMHS-Main
18	Francis Tyron T. Vilar	Sibulan Central School
19	Arnel Omangay	Sta. Catalina NHS
20	Mat E. Gacho	JNHS

***Training materials per participants *must not exceed to Two Thousand Five Hundred pesos (Php 2,500.00) chargeable against school MOOE/other available funds.* (Please see attached list of materials needed for the training)**

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3. The following are the Training Facilitators and the Division Personnel who will serve as members of the Training Team/Staff

1	MR Danilo Prieto-Facilitator	Mandaue City Division- MT -I, NC II, III, IV, TMC-I, EPAS NC II, Solar PV, System NC II
2	Mr. Rodulfo Luarez-Facilitator	Mandaue City Division-MT-II, EIM NC II, III, IV, TMC-I, Solar PV System NC II, NC III
3	Renante A. Juanillo	Division Office, SHS Coordinator
4	Antonio B. Baguio, Jr.	Division Office EPP/TLE/TVL Coordinator

4. Travelling, board and lodging, training materials needed for the skills training and other incidental expenses of the participants are chargeable against School MOOE for the teacher participants, while all expenses incurred by the two (2) Division Personnel, honorarium of the two (2) invited training facilitators will be charged against Division MOOE/Other funds, all subject to the usual accounting rules and regulations.
5. All participants listed above with the corresponding schedule/dates of activities and actual training-workshop will be entitled to a Compensatory Time Off (CTO) for Non-teaching personnel on April 27-28,2019 and Service Credits for the identified 20 teachers on April 22-28, 2019. For more details please contact the focal person Dr. Antonio B. Baguio, Jr. @ 09158272037
6. This memorandum serves as **Travel Order**.
7. Immediate dissemination of this memorandum to all concerned is desired.


WILFREDA D. BONGALOS, Ph. D. CESO V
Schools Division Superintendent

3/20/19

cid/abbjr.



MATERIALS FOR THE SKILLS TRAINING

No.	Qty	Unit	Item Description
1	30	meter	Stranded wire # 8
2	1	roll	Stranded wire # 12
3	1	roll	Stranded wire # 14
4	20	Length	EMT pipe ½ (Panasonic)
5	25	Length	PVC pipe ½
6	25	meter	Flexible Hose ½
7	10	Length	PVC Trucking/Plastic molding (50 x 50 mm)
8	30	Length	Cable Tray/Duck #2" or 50mm x 50mm
9	5	rolls	Electrical tape 3m Big
10	1	set	Fire Alarm Control Panel (FACP) (Arrow Brand)
11	2	pcs	Smoke Detector (Arrow Brand)
12	1	set	Bell 24 volts (Arrow Brand)
13	1	Set	Manual Pull Station (MPS) (Arrow Brand)

*Other materials will be announced during the actual training.



Content Matrix
ELECTRICAL INSTALLATION AND MAINTENANCE NC II/NC III
April 22-28, 2019

Facilitators: (10 pax per group)

1. Group I - Mr. Danilo Prieto - MT - I, NC II, III, IV, TMC - I, EPAS NC II, Solar PV, System NC II
2. Group II - Rodolfo Luarez - MT - II, EIM NC II, III, IV, TMC - I, Solar PV System NC II NC III

Specific Objectives	Content	Suggested Activity	Duration	Expected Output
Registration RPL/ Recognition of Prior Learning		Registration Opening Program Pre test	April 22, 2019 (8:00- 12:00)	Registration/ Attendance Pre Test Result
Perform roughing-in activities. wiring and cabling works for single- phase distribution, power, lighting and auxiliary systems	<ol style="list-style-type: none"> 1. Install electrical metallic /non-metallic (PVC conduit) 2. Install wire ways and cable tray 3. Install auxiliary terminal cabinet and distribution panel 4. Prepare for cable pulling and installation 5. Perform wiring and cabling lay out 6. Notify completion of work 	<ol style="list-style-type: none"> 1. Interpretation of 2. electrical wiring diagrams 3. mechanical drawings 4. Interpretation of an electrical and mechanical drawing. 5. Proper uses and installation of wire ways and cable trays 6. Proper procedure in installation of auxiliary terminal cabinet and distribution panels. 7. Cable lay out and installation 8. Wiring procedure such as cable lay-out, pulling splicing and termination of wire. 	April 23, 2019 (1:00- 5:00) April 24, 2019 (8:00- 5:00)	Sample installation of: <ul style="list-style-type: none"> ▪ electrical metallic /non-metallic (PVC conduit) ▪ wire ways and cable tray ▪ auxiliary terminal cabinet and distribution panel ▪ wiring and cabling lay out



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Install electrical protective devices for distribution, power, lighting, auxiliary, lightning protection and grounding systems	<ol style="list-style-type: none"> 1. electrical protective devices 2. Lighting fixture and auxiliary outlet. 3. Notify completion of work. 	Perform the following: <ol style="list-style-type: none"> 1. Electrical protective devices 2. Lighting fixtures and auxiliary outlets 3. Installing CCTV 	April 25, 2019 (8:00-5:00)	Installation of the following: <ul style="list-style-type: none"> ▪ Electrical protective devices ▪ Lighting fixtures and auxiliary outlets ▪ CCTV
Install wiring devices of floor and wall mounted outlets, lighting fixtures/switches, and auxiliary outlets and CCTV/Fire Alarm Installation	<ol style="list-style-type: none"> 1. Select wiring devices 2. Install wiring devices 3. Install lighting fixture/ switches 4. Notify completion of work 	Perform the following <ol style="list-style-type: none"> 1. Installing wiring devices 2. Installing lighting fixture/ switches 3. Installing Fire Alarm 	April 26, 2019 (8:00-5:00)	Installation of the following <ul style="list-style-type: none"> ▪ Wiring devices ▪ Lighting fixtures and switches ▪ Fire Alarm
Conduct Pre assessment			April 26, 2019 (8:00-5:00)	Pre assessment Result
Submit for Assessment: TESDA	Actual Assessment	Perform based on TESDA TR	April 27-28, 2019	Assessment Result