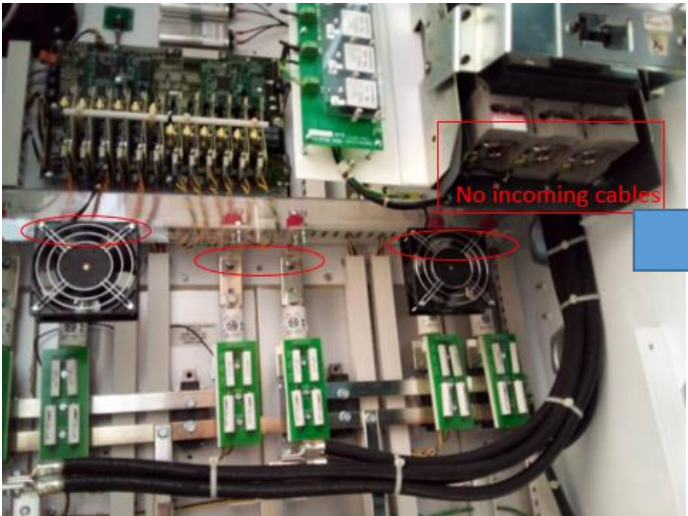


Notification

Date:	23-Apr-21
Category:	No internal incoming cables (Not complete wiring inside VSD).
Scope:	Electrical
Country:	Libya
Location:	ESP yard
Report #:	2021-0401
Severity:	Medium
AOSCO Rep:	Bambang Handoko



Corrected



What Happened?

There are 4 VSD skids 400KVA with the configuration as follows: 400KVA Step Down Transformer – phase shifted 12 pulse operation PO:4505926933, 350-454KVA VSD, 12 pulse (but only has 1 breaker), PN:C544003049 and 400 KVA Step Up Transformer PO:45059269443.
Found that there were no incoming cables that should be available from the VSD main breaker to the VSD converter. It should have 12 cables.

PRELIMINARY POST INCIDENT DISCOVERIES

- 4 units 400 KVA VSDs were reported in new condition since around 8 years purchased and no inspection was performed since they came.

IMMEDIATE ACTIONS

- Reported to client's reps and the Supervisor.
- Conduct a meeting with client Supervisor and reps to review the finding.
- installing a type of hard cable-95mm² (200 ampere) as the required cable type was not available on site. It should be a flexible cable AWG #4/0 (equivalent with 230 ampere). Due to smaller cable the VSD KVA is downgraded to 330KVA.
- Performing function and no-load test for all 4 VSDs witnessed by client reps.