

AREA FIELD OFFICE:		KADUNA		MONTH:		JANUARY
S/N	Date of Investigation	Accident Description	Accident Type	Location	DisCo	Reported By
1	22/1/2019	<p>An electric arc flash occurred when victims were amending a fault on station service Earth leakage circuit breaker (ELCB) panel at Dawaki injection station control room.</p> <p>Two victims were affected. One with first degree burns on his face and hands and the other with minor injury.</p>	Electric arc flash	Dawaki injection substation	KAEDC	KAEDC

TEMPLATE FOR MONTHLY RETURNS ON ACCIDENT INVESTIGATED

YEAR 2019

DATE REPORTED/ OCCURRED	FATALITIES	INJURIES	Historical Incident (If Any)	Pictures	Investigated By
21/1/2019 -/ 19/1/2019	Nil	1. First degree burns on the face and hand. 2. Minor injury	Victims - Staff : 1. First degree burn (Umar Tofa- 08034054561) 2. Minor injury (Usman Danjuma- 07039728239)	Nil	NEMSA Kaduna Inspectorate Field office

Possible Root Causes	Actions Taken	Details of eye witnesses (Contacts)	Follow Up Actions (Date) & outcome	Recommendations made to eliminate surface & root causes
<p>The probable cause of the accident is that, he must have bridge the lives phases inside the Earth leakage circuit breaker (ELCB) panel that resulted to the arc flash.</p>	<p>KAEDC discovered faulty load cable from the service station transformer to the change over switch gear inside the control room. This was seen removed and yet to be replace.</p>	<p>Victims - Major eye witnesses : 1. First degree burn (Umar Tofa- 08034054561) 2. Minor injury (Usman Danjuma- 07039728239) And Minor eye witness ENGR TUKRU BILYA (KAEDCO STAFF) 08035966537</p>	<p>1. A visit was made on the 22/1/2019 to the Hospital to see the victims. Questions were asked but no resposned from the victims and taking pictures with them proved abortive. 2. However, investigation is still on going.</p>	<p>(1.) The faulty load amourd cable from the station transformer to the change over circuit breaker should be replace. (2.) The body of the change over circuit breaker should be grounded. (3) Before embarking on any fault clearing, the system should be dis-energized (remain death).</p>

ENGR. ALOBO, E.I.
 AREA INSPECTING ENGINEER,
 NEMSA KADUNA