Work Instruction - Operations

STATION LIGHTING FAILURE

HITACHI
Inspire the Next

Work description: The purpose of this document is to describe actions necessary in case of station lighting failure. This document is applicable for the Operation and Maintenance Services on the Honolulu Rail Transit Project (HRTP).		
Scope: Response to a failure of lighting in the station		
References: HNL-09527 Fault Reporting Process, HNL-09507 Dealing with Passengers with Special Needs (Mobility impaired), HNL-09561 Closing a station During Revenue Hours, HNL-09328 Station Evacuation, HNL-09504 Crowd Management		
PPE and precautions	**Competencies or qualifications**	**Licenses or permits required**
Torch	Station Operator, OCC Supervisor, Train Controller, Engineering and Faults Controller	Nil
Tools and equipment required		
Nil		

Station Lighting Failure	Station lighting failure may result in reduced visibility and therefore introduce hazards to the station environment. Staff must ensure the safety of passengers and fellow staff when deciding on a course of action when lighting has failed in the station. A complete Station lighting failure will be a rare occurrence as all stations are provided with a UPS which will provide backup power to the lighting system.

Lighting Failure	
Station Operator	The Station Operator must: • Immediately report any lighting failure to the Engineering and Faults Controller; • Provide details of the extent of the lighting failure, e.g. Reduced lighting, Partial loss of lighting, Complete Loss of lighting. • Provide details of any foreseeable risks and hazards associated with the lighting failure; • Assess the situation and determine whether it is safe for passengers to use the station; • Follow the instructions of the OCC Supervisor

OCC Supervisor	The OCC Supervisor must:
	• Define the strategy to be implemented
	• Report the issue in the OCC Log;
	• Assess the situation and decide the most appropriate strategy based on the condition of the lighting system and in consultation with the SCADA Operator, namely:
	  ○ **Reduced lighting at a platform**-Increase the number of Station/Train Operators at the platform;
	  ○ **Complete loss of lighting at a platform**-Put the platform out of service;
	  ○ **Entire station**-Evacuate and close the station

Train Controller	The Train Controller must: • Dispatch Train Operators to the affected location, if required; • Assess the situation, in coordination with the OCC supervisor; • Implement any restriction as required by the OCC Supervisor (e.g. platform out of service); • Resume service when the fault is corrected.
Engineering and Faults Controller	The Engineering and Faults Controller must: • Inform OCC personnel about the fault • Open an MMIS notification for the fault • Coordinate with the maintenance department for the repair.

Note

Station Operators will ensure that passengers are kept away from areas where visibility is restricted due to low lighting

Additional controls
Deploy Train Operators to the site to assist in Crowd Control if required

Approved By: **Signature:** **Date:**	☐ Director, Operations and Maintenance	☐ Department Manager	☐ Manager, HSE (Operations and Maintenance)