

STATION LIGHTING FAILURE WORK INSTRUCTION

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 (H RTP).

Scope: Response to a failure of lighting in the station

References: HNL-09527 Fault Reporting Process Work Instruction, HNL-09507 Dealing with Special Needs Passengers (Mobility Impaired Customers) Work Instruction, HNL-09561 Closing Stations During Revenue Hours Work Instruction, HNL-09328 Station Evacuation Work Instruction, HNL-09504 Crowd Management Work Instruction

PPE and precautions	Competencies or qualifications	Licenses or permits required
Torch	Station Operator, OCC Supervisor, Train Controller, Engineering & Fault 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.
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Lighting Failure	
<i>Station Operator</i>	<p>The Station Operator must:</p> <ul style="list-style-type: none"> Immediately report any lighting failure to the Engineering & Fault 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
<i>OCC Supervisor</i>	<p>The OCC Supervisor must:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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
<i>Train Controller</i>	<p>The Train Controller must:</p> <ul style="list-style-type: none"> 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
<i>Engineering & Fault Controller</i>	<p>The Engineering & Fault Controller must:</p> <ul style="list-style-type: none"> 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:	<input type="checkbox"/> Director, Operations and Maintenance	<input type="checkbox"/> Department Manager	<input type="checkbox"/> Manager, HSE (Operations and Maintenance)
Signature:			
Date:			

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