Work Instruction - Operations	
FIRE AND SMOKE IN STATIONS AND MAINLINE	**HITACHI** Inspire the Next

Work description: Operational response to Fire and Smoke on Stations and the Mainline
Scope: All Stations and Mainline on HRTP network
References: HNL-09563 Incident Response, HNL-09626 Fire and Life Safety, HNL-09527 Fire Risk Assessment Form, HNL 09528 Fire and Evacuation Exercise Form, HNL-09529 Medical and First Aid Procedure, HNL-0923 Accident and Incident Notification, Reporting and Investigation Procedure, Local Evacuation Plans, HNL-09328 Station Evacuation

PPE and precautions	Competencies or qualifications	Licenses or permits required
Nil	Station Attendant, Train Attendant, Train Controller, Engineering and Faults Controller, Information Controller	Nil

Tools and equipment required
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⚠️ ***Warning***

Staff are to ensure that they do not expose themselves to hazard associated with fire and smoke on the Station or the Mainline

Fire and Smoke Detection	Stations are equipped with Fire Detection and Alarm System. An alarm from a smoke detector in a station must be treated as a reported fire.
	If the OCC receives an alarm of fire/smoke in a station, the SCADA Operator has the possibility to identify on which floor the alarm is active. Once the fire/smoke alarm is activated, the ATC system will automatically set both station platforms out of service
	Table 1 below provides a summary of the measures to be put in pl ace in case of a fire or false alarms:

Table 1   Summary of Measures in case of Fire or False Alarms

Location	Fire	False alarm
Platform Level	• Evacuate station • Skip platforms	• Skip platforms
Not at platform level	• Evacuate station • Skip platforms	• Skip platforms
Platform tracks	• Evacuate station • Hold train entering the platforms • Set up degraded service	• N/A

Fire and Smoke Response at a Station	All alarms are to be treated as genuine until proven to be otherwise in the event of an alarm or reports of fire and smoke
OCC Supervisor	OCC Supervisor must: • Inform Honolulu Fire Department and Emergency Services, if needed; • Inform the Operation Manager; • If the alarm is real, immediately decide for station evacuation (HNL-09328 Station Evacuation).
Train Controller	Train Controller must: • Contact the Station Attendant and have them confirm the alarm is real or false • If the alarm is real, ask the Station attendant to evacuate the Station
	If fire is at the platform level (on tracks): 1) Implement TWC hold on all trains in the area in order to prevent trains from entering the affected station (both tracks); 2) Instruct Engineering and Faults Controller to De-energize both tracks in the area of the fire; 3) Notify Information Controller of stranded trains in the area and to issue PA/PID announcement to those trains 4) Route stranded trains to the nearest station for evacuation; 5) Dispatch additional Road Supervisors to the affected station, if required; 6) Implement alternative service strategy upholding train service in track section around the affected traction power area.
	If the Fire is not at track level in the station 1) Instruct the Station Attendant to Evacuate the Station 2) Route Stranded Trains to the nearest station for detrainment 3) Implement the most appropriate Alternate Service Plan
Station Attendant	Station Attendants must: • Investigate any smoke and fire alarms activated within the station environment • Immediately report if the alarm is False or any fire or smoke identified to the Train Controller • Provide details of location and nature of the fire and or smoke • Move Passengers and Staff away from the hazard immediately • Assist and injured passengers and provide first aid, if necessary • Evacuate the Station in line with HNL-09328 Station Evacuation and the Local Evacuation Plan for the station on instruction from the Train Controller
	If the Alarm is False: • Check on the fire alarm panel the nature of the activation and reset the alarm; • Confirm to the Train Controller that normal passenger service can be resumed in the affected station.
Engineering and Faults Controller	Engineering and Faults Controller must: • Identify the location of fire/smoke alarm activated; • Power off both the tracks in the area, if asked by the Train Controller; • Investigate if any maintenance team is operating in the area of the fire, ask to evacuate if present; • If the alarm is false, dispatch maintenance team to inspect equipment in the station.
Information Controller	Information Controller must: • Monitor the affected area through CCTV, to ascertain whether the alarm is real or false; • Inform OCC Supervisor and Train Controller; • Issue PA/PID informing passengers to keep calm and follow the instruction of Station Attendant/s; • In case of real fire/smoke alarm, issue PA/PID informing passengers on the station evacuation, if asked by the OCC Supervisor (as per HNL-09328 Station Evacuation). • In case of false alarm, issue PA/PID informing passengers that normal passenger service will be restored shortly, once decide by the OCC Supervisor.

Response to Fire and Smoke on the Mainline	If Fire/Smoke is detected on the mainline follow the same process as outlined above with the following inclusions:
Engineering and Faults Controller	Engineering and Faults Controller must: • Coordinate with the maintenance team for grounding straps installation before the arrival of external parties (Honolulu Fire Department, Emergency Services) • De-energize the third rail (power off) the affected line section on both tracks prior to any third-party intervention.

> *Note*
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> *Staff are to follow the instructions of the Emergency Services when they arrive at the scene.*

Additional controls
Trained staff may use fire fighting equipment (Fire Extinguishers) available, if it is SAFE to do so