

Work Instruction - Operations	HITACHI
FIRE OR SMOKE IN STATION/MAINLINE WORK INSTRUCTION	Hitachi Rail Honolulu JV

Work description: Operational response to Fire and Smoke on Stations and the Mainline		
Scope: All Stations and Mainline on H RTP network		
References: HNL-09563 Terminating Trains at Stations Work Instruction, HNL-09626 Fire and Safety Procedure, HNL-09527 Fault Reporting Process Work Instruction, HNL 09528 Train Movement in Manual Area Work Instruction, HNL-09529 Train Inspection/Preparation Work Instruction, HNL-09023 O&M Provider-Accident and Incident Notification, Reporting and Investigation Plan, Local Evacuation Plans, HNL-09328 Station Evacuation Work Instruction		
PPE and precautions	Competencies or qualifications	Licenses or permits required
Nil	Station Operator, Train Operator, Train Controller, Engineering & Fault Controller, Information Controller	Nil
Tools and equipment required		
Loud Hailer		



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	<p>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.</p> <p>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</p> <p>Table 1 below provides a summary of the measures to be put in place in case of a fire or false alarms:</p>
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Table 1 Summary of Measures in case of Fire or False Alarms

Location	Fire	False alarm
Platform Level	<ul style="list-style-type: none"> Evacuate station Skip platforms 	<ul style="list-style-type: none"> Skip platforms
Not at platform level	<ul style="list-style-type: none"> Evacuate station Skip platforms 	<ul style="list-style-type: none"> Skip platforms
Platform tracks	<ul style="list-style-type: none"> Evacuate station Hold train entering the platforms Set up degraded service 	<ul style="list-style-type: none"> N/A

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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Work Instruction - Operations	HITACHI
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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
<i>OCC Supervisor</i>	<p>OCC Supervisor must:</p> <ul style="list-style-type: none"> • Inform Honolulu Fire Department and Emergency Services, if needed; • Inform the Head of Operations • If the alarm is real, immediately decide for station evacuation (HNL-09328 Station Evacuation Work Instruction)
<i>Train Controller</i>	<p>Train Controller must:</p> <ul style="list-style-type: none"> • Contact the Station Operator and have them confirm the alarm is real or false • If the alarm is real, ask the Station Operator to evacuate the Station <p>If fire is at the platform level (on tracks):</p> <ol style="list-style-type: none"> 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 & Fault 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 <p>If the Fire is not at track level in the station</p> <ol style="list-style-type: none"> 1) Instruct the Station Operator to Evacuate the Station 2) Route Stranded Trains to the nearest station for detrainment 3) Implement the most appropriate Alternate Service Plan
<i>Station Operator</i>	<p>Station Operators must:</p> <ul style="list-style-type: none"> • 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 Work Instruction and the Local Evacuation Plan for the station on instruction from the Train Controller <p>If the Alarm is False:</p> <ul style="list-style-type: none"> • 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
<i>Engineering & Fault Controller</i>	<p>Engineering & Fault Controller must:</p> <ul style="list-style-type: none"> • 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
<i>Information Controller</i>	<p>Information Controller must:</p> <ul style="list-style-type: none"> • Monitor the affected area through CCTV, to ascertain whether the alarm is real or false • Inform OCC Sweep train and Train Controller • Issue PA/PID informing passengers to keep calm and follow the instruction of Station Operator/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 Work Instruction) • In case of false alarm, issue PA/PID informing passengers that normal passenger service will be restored shortly, once decide by the OCC Supervisor

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Response to Fire and Smoke on the Mainline <i>Engineering & Fault Controller</i>	If Fire/Smoke is detected on the mainline follow the same process as outlined above with the following inclusions:
	Engineering & Fault Controller must: <ul style="list-style-type: none"> 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

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

Additional controls
<i>Trained staff may use firefighting equipment (Fire Extinguishers) available if it is SAFE to do so</i>