

# Notifiable incident

**Notification ID** [NTF11628](#)

**Duty holder** Woodside Energy Ltd

**Facility/Activity** Vincent

**Nearest state** WA

**Incident** OHS-UPE - UV flame detector in engine room activated causing general alarm and muster

## Basic information provided at time of notification

<b>Notification type</b>	Incident
<b>Incident date</b>	10/07/2022 11:47 AM (AWST)
<b>Notification date</b>	10/07/2022 01:47 PM (AWST)
<b>NOPSEMA response date</b>	10/07/2022 03:02 PM (AWST)
<b>Received by</b>	[REDACTED]

## Summary of information provided

<b>Brief descriptive title</b>	OHS-UPE - UV flame detector in engine room activated causing general alarm and muster
<b>Incident location</b>	
<b>Subtype/s</b>	Alarm, Muster
<b>Summary</b> <i>(provided at notification)</i>	Just phoning up to advise that we have a flame detector actuate on the second deck of the engine room, resulting in a general alarm and muster. There is no fire. There is no damage facility has returned to normal state.

## Request permission to disturb the site

<b>Permission given</b>	Yes
<b>Permission given by</b>	
<b>Permission given on</b>	10/07/YYYY

## Initial spill and release amounts

<b>Gas (kg)</b>	
<b>Liquid (L)</b>	
<b>Release type</b>	
<b>More information</b>	

## Details of person providing information to NOPSEMA

<b>Full name</b>	[REDACTED]
<b>Job title</b>	[REDACTED]

## Initial notification category

<b>Initial category type</b> <i>(based on notification)</i>	Dangerous Occurrence
<b>Initial category</b> <i>(based on notification)</i>	OHS - unplanned event - implement emergency response plan

## Running sheet

There are no running sheet entries for this notification

Decision	
Escalate to level 1	Yes
Inspector	
Escalated on	12/07/2022 08:55

Final notification category	
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	OHS - unplanned event - implement emergency response plan

Immediate causes	
Details	Activities (reflective cladding replacement & radioactive NDT) in the vicinity that may have been initiators eliminated as part of investigation. UV Flame detector replaced to eliminate this as potential cause.

Initial report	
Due date	13/07/2022
Received date	12/07/2022
Reviewed date	
Reviewed by	

<b>Additional details provided by duty holder</b>	<p>Brief description of incident: Ultraviolet Flame detector activated in the Engine-room at Boiler front. GA initiated and Facility mustered</p> <p>Work or activity being undertaken at time of incident: Normal operations</p> <p>What are the Internal Investigation Arrangements? Internal investigation in accordance with Woodside "Health Safety and Environment Event Reporting, Investigating and Learning Procedure"</p> <p>Was there any loss of containment of any fluid (liquid or gas)? No</p> <p>Action taken to make the work-site safe? Action taken: Facility mustered, and no escalation confirmed via fixed fire detection system. ERT deployed to engine room to confirm area was safe. Flame detector was reset and facility returned to normal status. Details of any disturbance of the work site: Ultraviolet Flame detector 209 inspected and found functional with no evident physical initiator</p> <p>Was an emergency response initiated? Yes Type of response: Automatic Alarm How effective was the emergency response? Facility fully mustered and ERT deployed as per ERP</p> <p>Was anyone killed or injured? No</p> <p>Was there any serious damage? No</p> <p>Will the facility be shut down? No</p> <p>Immediate action taken/intended, if any, to prevent recurrence of incident.: Action 1 - Confirm that radioactive source non destructive testing on Poop Deck did not cause activation of ultraviolet flame detector head 209 Responsible party - [REDACTED] Completion date - 10-Jul-2022 Actual or Intended - Actual</p> <p>Action 2 - Confirm that transiting area with reflective cladding material did not cause activation of ultraviolet flame detector head 209 Responsible party - [REDACTED] Completion date - 0-Jul-2022 Actual or Intended - Actual</p> <p>Action 3 - Replace ultraviolet flame detector head 209, and confirm functionality Responsible party - [REDACTED] Completion date - 10-Jul-2022 Actual or Intended - Actual</p> <p>Are you uploading any pictures to support this form? No</p>
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Final report	
<b>Due date</b>	09/08/2022
<b>Received date</b>	21/07/2022
<b>Reviewed date</b>	
<b>Reviewed by</b>	

<b>Additional details provided by duty holder</b>	<p>Full Report</p> <p>Describe investigation in detail, including who conducted the investigation and in accordance with what standard/procedure</p> <p>Single UV flame detector 209 in the engine room went into alarm causing a GA of the facility ERT was deployed and entered the engine room to determine no evidence of an event occurring, flame detector was reset and facility returned to normal status.</p> <p>After the event the flame detector was tested and functioned correctly, addition testing was done to mimic activities that were being conducted at the time of the GA to confirm no interference (radiography on the poop deck, transporting of reflective cladding through the engine room).</p> <p>Flame detector head was replaced, although no issues could be identified that caused the unit to alarm.</p> <p>Removed head passed to [REDACTED] to support review with Vendor</p> <p>Actions to prevent recurrence of same or similar incident</p> <p>Action Confirm life cycle of UV flame detector head with Consilium against maintenance plan</p> <p>Responsible party: [REDACTED]</p> <p>Completion date: 27-Jan-2023</p> <p>Actual or Intended: Intended</p>
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Final spill and release amounts	
Gas (kg)	0.00
Liquid (L)	0.00
Release type	
More information	

Root causes	
Code	
Description	<p>Root cause analysis:</p> <p>Root Causes: Analysis Factor: EQ5-0 Equipment Tolerable Failure</p> <p>Comments Unit fails safe, but recommend review of component life cycle to guide maintenance plan</p>

All data received	
Date	22/08/2022