

Notifiable incident

Notification ID	NTF11774
Duty holder	Woodside Energy Ltd
Facility/Activity	Vincent
Nearest state	WA
Incident	OHS-DSCE - STP escape tower ventilation fan failure

Basic information provided at time of notification	
Notification type	Incident
Incident date	19/09/2022 11:00 PM (AWST)
Notification date	20/09/2022 10:53 AM (AWST)
NOPSEMA response date	20/09/2022 11:06 AM (AWST)
Received by	

Summary of information provided	
Brief descriptive title	OHS-DSCE - STP escape tower ventilation fan failure
Incident location	
Subtype/s	Other
Summary <i>(provided at notification)</i>	STP escape tower ventilation fan has failed on thermal overload and motor bearing failures. Woodside are putting a temporary system in place to provide ventilation for this area. This is a failure of performance standard F-10.

Request permission to disturb the site	
Permission given	Not Applicable
Permission given by	
Permission given on	

Initial spill and release amounts	
Gas (kg)	
Liquid (L)	
Release type	
More information	

Details of person providing information to NOPSEMA	
Full name	
Job title	

Initial notification category	
Initial category type <i>(based on notification)</i>	Dangerous Occurrence
Initial category <i>(based on notification)</i>	OHS - damage to safety-critical equipment

Running sheet
<i>There are no running sheet entries for this notification</i>

Decision	
Escalate to level 1	Yes
Inspector	
Escalated on	20/09/2022 11:29

Final notification category	
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	OHS - damage to safety-critical equipment

Immediate causes	
Details	Bearing failure in fan motor 81M2012A

Initial report	
Due date	22/09/2022
Received date	21/09/2022
Reviewed date	05/10/2022
Reviewed by	

Additional details provided by duty holder	<p>Brief description of incident: ██████████ received alarm indicating the STP escape tower ventilation fan 81H2012A was in fault. Fan found to be seized resulting in failure of PS F10.</p> <p>Work or activity being undertaken at time of incident: No activities, 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: Was permission given by a NOPSEMA inspector to interfere with the site? Yes Action taken - Investigation and fault finding commenced to identify root cause and try to reinstate functionality. Restricted access to STP, Temporary fan installed into system Details of any disturbance of the work site - Fan and motor removed from ducting to investigate failure.</p> <p>Was an emergency response initiated? No Was anyone killed or injured? No Was there any serious damage? No Will the facility be shut down? No</p> <p>Immediate action taken/intended, if any, to prevent recurrence of incident.: Action 1 - Investigate and fault find potential root cause of failure. Responsible party - ██████████ Completion date - 20-Sep-2022 Actual or Intended - Actual</p> <p>Action 2 - Restrict access to STP until temporary fan installed Responsible party - ██████████ Completion date - 21-Sep-2022 Actual or Intended - Actual</p> <p>Action 3 - Expedite WO 2100339056 replacement of 81M2012B Responsible party - ██████████ Completion date - 20-Sep-2022 Actual or Intended - Actual</p> <p>Are you uploading any pictures to support this form? No</p>
---	---

Final report	
Due date	19/10/2022
Received date	27/09/2022
Reviewed date	05/10/2022
Reviewed by	██████████

Additional details provided by duty holder	<p>Has the investigation been completed? - Yes</p> <p>Full Report - Describe investigation in detail, including who conducted the investigation and in accordance with what standard/procedure Investigation completed by [REDACTED] in accordance with Woodside "Health Safety and Environment Event Reporting. 20/9/22 it was noted that the Turret escape tower ventilation fan 81H2012A had tripped on thermal overload protection. Operator and Electrician investigated and determined that the Bearings of the fan motor had failed, causing the thermal overload protection to trip the fan. The thermal overload trip stops the motor from having a catastrophic failure . Failure of PS F10 to provide ventilation to the escape tower. Temporary fan setup was installed to meet performance standard requirements. Investigation has found that the motor bearings have failed on 81M2012A, unable to determine exact root cause. WO - 2100339056 is for similar failure on 81M2012B occurred in 2021 (system requires 1oo2 fans to be functional). Parts to replace 81M2012B have been delayed, due to arrive in late September. This Work order is being expedited to execute as soon as the motor is delivered offshore. Notification 20424702 raised for the replacement/overhaul of the fan motor 81M2012A.</p> <p>Actions to prevent recurrence of same or similar incident</p> <p>Action - Complete WO 2100352037 Replace STP fan A motor - bearing failure Responsible party - [REDACTED] Completion date - 15-Dec-2022 Actual or Intended - Intended</p> <p>Action - Complete WO 2100339056 Replace STP fan B motor - bearing failure Responsible party - [REDACTED] Completion date - 15-Oct-2022 Actual or Intended - Intended</p>
---	---

Final spill and release amounts	
Gas (kg)	0.00
Liquid (L)	0.00
Release type	
More information	

Root causes	
Code	
Description	Root Causes - Analysis Factor: EQ4-0 Equipment Repeat Failure Comments - Motor bearing failure

All data received	
Date	12/10/2022

