INTERNAL USE ONLY

Notifiable incident

Notification ID	NTF11627
Duty holder	Woodside Energy Ltd
Facility/Activity	Vincent
Nearest state	WA
Incident	OHS-DSCE - Engine quick closing valve failed to meet performance standard during function testing

Basic information provided at time of notification	
Notification type	Incident
Incident date	10/07/2022 09:16 AM (AWST)
Notification date	10/07/2022 10:46 AM (AWST)
NOPSEMA response date	10/07/2022 11:35 AM (AWST)
Received by	[redacted]

Summary of information provided	
Brief descriptive title	OHS-DSCE - Engine quick closing valve failed to meet performance standard during function testing
Incident location	
Subtype/s	Valve failure
Summary *(provided at notification)*	During routine testing of the quick closing valves in the engine room, we had one quick closing valve that failed to function on demand. Situation has been made safe and there is no current exposure to facility.

Request permission to disturb the site	
Permission given	Yes
Permission given by	
Permission given on	10/07/YYYY

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

Details of person providing information to NOPSEMA	
Full name	[redacted]
Job title	[redacted]

Initial notification category	
Initial category type *(based on notification)*	Dangerous Occurrence
Initial category *(based on notification)*	OHS - damage to safety-critical equipment

Running sheet
There are no running sheet entries for this notification

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

Final notification category	
Final category type *(based on final report)*	Dangerous Occurrence
Final category *(based on final report)*	OHS - damage to safety-critical equipment

Immediate causes	
Details	Quick closing valve pneumatic ram found internally failed

Initial report	
Due date	13/07/2022
Received date	12/07/2022
Reviewed date	
Reviewed by	
Additional details provided by duty holder	Brief description of incident Pneumatic ram on the Quick Closing Valve (QCV) for #2 Service Tank outlet to purifiers failed to activate during planned 6 monthly testing activity Work or activity being undertaken at time of incident Normal operations What are the Internal Investigation Arrangements Internal investigation in accordance with Woodside “Health Safety and Environment Event Reporting, Investigating and Learning Procedure" Action taken to make the work-site safe: Action taken: Quick Closing Valve (QCV) for #2 Service Tank outlet to purifiers returned to closed state, and mechanically isolated in that position Details of any disturbance of the work site Disassembly associated with repair of QCV 26ESDVF30V pneumatic ram Was an emergency response initiated? No Was anyone killed or injured? No Immediate action taken/intended, if any, to prevent recurrence of incident. Action QCV for #2 Service Tank outlet to purifiers (26ESDVF30V) isolated closed under a mechanical isolation Responsible party [redacted] Completion date 10-Jul-2022 Actual or Intended Actual Action Replace pneumatic actuation ram on quick closing valve 26ESDVF30V Responsible party [redacted] Completion date 09-Sep-2022 Actual or Intended Intended

Final report	
Due date	09/08/2022
Received date	25/07/2022

Reviewed date	
Reviewed by	
Additional details provided by duty holder	Full Report: Describe investigation in detail, including who conducted the investigation and in accordance with what standard/procedure During 6 Month function testing of Engineroom Quick closing valves under WO 2200599179, No2 Diesel Oil Service tank valve F30V Failed to close. The cylinder displayed signs of wear plus ram scoring were noted on initial inspection and lubrication was not the cause of failure for this test.. During the previous test in April 2022, for Class Survey, the valve response was degraded, but following lubrication closed on demand twice on repeat tests. The 6M PRT was then also adjusted to lubricate valves and actuators after testing. Actions to prevent recurrence of same or similar incident Action: Order and catalogue spare parts for all sizes of Quick Closing valves. to ensure onboard stock allows for immediate rectification/repair Responsible party [redacted] Completion date 31-Oct-2022 Actual or Intended Intended Action: Include narrative in 6 Monthly maintenance PRT to capture proactive remediation/actuation cylinder replacement of any valve where performance is slow or is potentially mechanically degraded Responsible party [redacted] Completion date 16-Sep-2022 Actual or Intended Intended

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

Root causes	
Code	
Description	Has the investigation been completed? Yes Root cause analysis Root Causes Analysis Factor: EQ3-0 Equipment Predictive/Preventative Maintenance Comments Valve trip actuation cylinder displayed signs of wear plus ram scoring was noted on inspection, and lubrication was not the cause of failure for this test. Testing regime did not capture degradation to allow replacement before failure to actuate on demand

All data received	
Date	22/08/2022