

FORM FM0831

Report of an Accident or Dangerous Occurrence

Instructions and general guidance for use are contained on the last page of this form.

Part A – Information required within 3 days of accident or first detection of dangerous occurrence

Item	General Information		
1.	Where did the incident occur?	The facility name:	Modec Venture 11
		Site name or location (<i>at or near the facility</i>):	Mutineer-Exeter
2.	Who is the registered operator or other person that controls the work site?	Name:	MODEC
		Business address:	1064 Hay Street, West Perth WA 6005
3.	When did the incident occur?	Time (& Time Zone):	18:00 Hrs
		Date:	11/01/2012

General Information - Witnesses

Did anyone witness the incident?	Yes:	<input type="checkbox"/>	No:	<input checked="" type="checkbox"/> N	If Yes provide details in the following table. If No delete the following table.

Item	General Information				
5.	Details of person submitting these details.	Name:	<input type="text"/>		
		Position:	<input type="text"/> MODEC Venture 11		
		Telephone number:	<input type="text"/>		
6.	Brief description of incident: MV11 - Unscheduled Muster and Emergency Response Procedure activated, due to Fuel Leak above the boiler whilst the boiler was operating.				
7.	Work / activity being undertaken at time of incident: Facility Preparations for Cyclone disconnect.				
8.	Action taken to make work-site safe: Boiler shut down, fuel supply isolated and Fire fighting foam applied to top of Boiler to cover area of fuel spill.				
	Details of any disturbance of the work site:				
	N/A				
9.	Was an emergency response initiated?	Yes:	<input checked="" type="checkbox"/> Y	No:	<input type="checkbox"/>

Part A – Information required within 3 days of accident or first detection of dangerous occurrence

Injuries

Was anyone killed or injured?	Yes:	<input type="checkbox"/>	No:	<input checked="" type="checkbox"/> N	If Yes provide details in the following table. If No delete the following table.

A. If any and if different from answer in item 2

Part A – Information required within 3 days of accident or first detection of dangerous occurrence				
Fluid Escape				
Did any fluid escape or burn?	Yes:	Y	No:	
				If Yes provide details in the following table. If No delete the following table

Part A – Information required within 3 days of accident or first detection of dangerous occurrence				
Serious Damage				
Was there any serious damage?	Yes:		No:	N
				If Yes provide details in the following table. If No delete the following table

Item	Serious Damage						
17.	Will the facility be shutdown?	Yes		No	N	If Yes for how long?	

Part A – Information required within 3 days of accident or first detection of dangerous occurrence		
Item	Immediate Actions / Causes	
18.	Immediate action taken/intended, if any, to prevent recurrence of incident.	Fuel oil supplies to and adjacent to the boiler are to be pressurised and inspected for leakage and any defects rectified.
19	Immediate cause analysis. <i>(What were the immediate causes?)</i>	From initial investigation, it appears that fuel has leaked from an adjacent fuel supply line. All line to be pressure tested to determine leakage source.

Part B – Information required within 30 days of accident or first detection of dangerous occurrence

NOPSEMA acknowledges that in many circumstances an operator may not have completed an investigation within 3 days of an accident or first detection of a dangerous occurrence and agrees that items 20 and 21 must be provided within 30 days unless otherwise agreed, in writing with NOPSEMA. In circumstances where an investigation has been completed and items 20 and 21 are available (supplemented, as required by any attachments as detailed in Part C) this Part should be completed.

Part B – Information required within 30 days of accident or first detection of dangerous occurrence

Serious Damage

Has the investigation been completed?	Yes:	Y	No:		If Yes provide details in the following table. If No delete the following table
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Item	Analysis and Remedial Actions
20.	<p>Root cause analysis: (What were the root causes?)</p> <ol style="list-style-type: none"> 1. Damage to the Boiler Burner spiral wound gasket 2. Blockage of the Burner save-all drain
	<p>Full report: (Describe investigation in detail, including who conducted the investigation and in accordance with what standard/procedure with reference to attachments listed in Part C as applicable)</p> <p>The Investigation was undertaken by Facility personnel comprising:</p> <div style="background-color: black; height: 40px; width: 100%;"></div> <p>The incident Investigation was undertaken in accordance with the Facility SMS Document W1440-O-S-1901 Incident Investigation and Reporting Requirements</p> <p>Once the immediate area was in a safe condition an initial inspection in the vicinity of the leak around the boiler burners failed to reveal any signs of leakage, pipe or flange failure etc.</p> <p>A comprehensive inspection was carried out once cleaning of the boiler and surrounding deck areas was complete.</p> <p>Findings:</p> <p>It was found that the drain line from the boiler burner save all was blocked, which had prevented the leaking fuel from running away from the burner save-all.</p> <p>The burner carrier assembly for number 1 and 2 burners was disconnected and burners removed. Inspection of the spiral wound gaskets revealed slight surface damage to the sealing face on one gasket.</p> <p>It could not clearly be determined how the gasket damage had occurred, whether during installation or whether received damaged but not noticed.</p> <p>The body of the carrier in way of the gasket seat showed signs of `washing` probably caused as the fuel was leaking.</p> <p>It was also noted that fuel oil had contaminated the boiler insulation material on the after end and starboard side of the boiler. Insulation blankets on fuel oil and steam valves and pipes on the boiler top were also contaminated with fuel oil.</p>

Item	Analysis and Remedial Actions		
	No fire alarms were activated by the event.		
21.	Actions to prevent recurrence of same or similar incident (Insert/delete rows as required)		
	Action	Responsible Party	Completion Date (Actual or intended)
	Boiler burner saveall drain to be proven clear and a mesh strainer is to be installed at the inlet of the drain	Maintenance Supervisor	Completed
	Spiral wound gaskets on both burner carrier assemblies to be replaced	Maintenance Supervisor	Completed
	Remove contaminated boiler wall insulation, degrease all contaminated surfaces and install new insulation material	Maintenance Supervisor	Completed
	Remove contaminated fuel and steam valve insulation blankets, degrease all contaminated surfaces and install new insulation blankets	Maintenance Supervisor	Completed
	Determine frequency of boiler burner gasket replacement and generate an AMOS Change Request (ACR) to include records of burner cleaning and gasket changes at time of cleaning.	Maintenance Supervisor	Completed
	Raise an ACR for routinely proving the boiler burner save-all drain is clear.	Maintenance Supervisor	30/04/2012
	Investigate the potential need for suitable alarm sensor(s) immediately above the boiler burner area, to activate an alarm in the case of a burner fuel leak	Maintenance Supervisor	30/04/2012

Part C – Attachments supporting Parts A and/or B as applicable

Are you attaching any documents?

Yes:

No:

N

If Yes provide details in the following table.

If No delete the following table

Attachments (Insert/delete rows as required)

No.	ID	Revision	Date	Title/Description

Instructions and general guidance for use:

1. The use of this form is entirely voluntary and is provided to assist operators of facilities comply with their obligations to give notice and provide reports of accidents and dangerous occurrences at or near facilities to NOPSEMA under the applicable legislation.
2. The applicable legislation is the *Offshore Petroleum and Greenhouse Gas Storage Act 2006* [OPGGSA] and *Offshore Petroleum and Greenhouse Gas Storage (Safety) Regulations 2009* [OPGGS(S) Regs] for facilities located in Commonwealth waters, or for facilities located in designated coastal waters, the State or Territory *Petroleum (Submerged Lands) Act* and associated *Regulations* where there is a current conferral of powers to NOPSEMA.
3. In the context of this form an incident is an accident or dangerous occurrence as defined in the OPGGS(S) Regs.
4. This form should be used in conjunction with NOPSEMA Guidance Note N-0300-GN0099 Notification and Reporting of accidents and dangerous occurrences available from the NOPSEMA website: www.nopsema.gov.au.
5. Part A should be completed in full in all cases, noting the provisions made to indicate and delete sections that may not be applicable.
6. Part B should be completed only where an investigation has been completed within three days of an accident or first detection of a dangerous occurrence.
7. Part C should be completed in any case where attachments are being provided in support of Parts A and/or B.
8. NOPSEMA considers that a full report will contain copies of all documentary material referenced and/or relied on in the course of satisfying items 1-21 which may include (but not be limited to) as appropriate: witness statements, SMS documents, drawings, diagrams and photographs, third party reports (audit, inspection, material analysis etc), internal records and correspondence.
9. This form is intended to be completed electronically using Microsoft Word by completing the unshaded cells which will expand as required to accept the information required.
10. The completed version of this form (and any attachments, where applicable) should be emailed to: submissions@nopsema.gov.au as soon as practicable, but in any case within three days of the accident or first detection of the dangerous occurrence.