

## OHS IMPROVEMENT NOTICE

To: Woodside Energy Ltd

In conducting an OHS inspection in relation to the Vincent Facility, I, [REDACTED] a NOPSEMA inspector appointed under section 602 of the Act, am satisfied on reasonable grounds that the person named above as the responsible person is contravening, or has contravened and is likely to contravene again:

(a) Clause 9(1)(b) of Schedule 3 to the Act;

at: Vincent Facility

The reasons for my opinion are:

- a) members of the workforce were working for prolonged periods in Module M11, where fixed rotating and reciprocating equipment are located, as part of the oil separation and water injection package. This equipment has the potential to expose those members of the workforce to a vibration hazard, as indicated in Table 3.1, Hazard ID 133 of the Woodside Energy Limited (WEL) Vincent Facility Safety Case, Document No V1000RF0005, Revision 4; and
- b) no evidence was produced to demonstrate a whole body vibration assessment had been undertaken as per the requirements stipulated in Appendix C of the WEL Management of Noise and Vibration Hazards Guideline, document number WM0000MG9905309, Revision 1, dated 9 June 2016; and
- c) no evidence was produced to demonstrate a vibration management plan has been developed or implemented as per the requirements stipulated in Section 3 of the WEL Management of Noise and Vibration Hazards Guideline; and
- d) the Woodside Health Risk Assessment, dated October 2015, and the Hazard Identification and Risk Assessment (HIRA) associated with the work task failed to identify that there are activities where personnel are required to work for prolonged periods on any structure attached to a fixed machine which is vibrating; and
- e) no evidence was produced to demonstrate that any information or training was provided to the workers on the risks of mechanical vibration and the respective technical controls.

As a result of this contravention I am satisfied that there is, or may be, the following risk to the health or safety of any person:

Serious health effects that could lead to permanent, progressive and/or irreversible musculoskeletal disorders as a result of members of the workforce being exposed to whole body vibration while working for prolonged periods on structures attached to mechanical equipment which is vibrating.

Therefore the operator has failed to take all reasonably practicable steps to ensure that all work and other activities carried out on the facility are carried out in a manner that is safe and without risk to the health of any person at or near the facility.

You are required to take action within **90** days of the date of this notice to prevent or reduce the risk.

The following action must be taken by the responsible person within the period specified above:

1. Undertake a whole body vibration assessment for activities where personnel are working for prolonged periods in the vicinity of mechanical equipment which is vibrating, as per the requirements stipulated in Appendix C of the WEL Management of Noise and Vibration Hazards Guideline; and
2. Develop a plan to implement control measures in the form of engineering solutions and/or administrative controls, as appropriate, to eliminate or minimise the risk of exposure to whole body vibration to members of the workforce to as low as reasonably practicable (ALARP); or
3. Implement such other controls as required to reduce risk to a level that is ALARP.

**Signed:** [REDACTED]

**NOPSEMA Inspector**

**Dated:** 26 June 2017

NOTES: (Please see back of notice)

When the required improvement has been completed, return this part of the notice to the following person at the address below:

Name: [REDACTED]

Position: OHS Inspector

Address: Send in electronic format via email to: [submissions@nopsema.gov.au](mailto:submissions@nopsema.gov.au)

Telephone number: +61 8 6188 8700

Specify the action that has been taken to comply with this notice in the space below.

Improvement Notice No. **669** has been complied with by:

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

**NOTES:**

1. Under clause 78 of Schedule 3 to the Act, a person who fails to ensure that this notice is complied with, to the extent that it relates to a matter over which the person has control, may be liable to a penalty of 300 penalty units or a civil penalty of 400 units.
2. This notice must be displayed in a prominent place at or near each workplace at which work affected by the notice is being performed and, must not be tampered with or removed before the notice has ceased to have effect.
3. If the notice is not issued by being given to the operator's representative at the facility, the responsible person (unless the responsible person is the titleholder) must cause a copy of the notice to be given to the operator's representative.
4. If the responsible person is the operator or an employer (other than the operator) of members of the workforce, the operator's representative at the facility must give a copy of the notice to each health and safety representative for a designated work group having group members performing work that is affected by the notice.
5. If the responsible person is the titleholder, as soon as practicable after issuing the notice, the NOPSEMA inspector will take reasonable steps to give a copy of the notice to the operator and, if the NOPSEMA inspector is at the facility when the notice issued, the operator's representative at the facility.
6. If the responsible person is the titleholder, but the inspector is not at the facility when the notice is issued, the operator must give a copy of the notice to the operator's representative at the facility.
7. As soon as practicable after issuing the notice, the NOPSEMA inspector will take reasonable steps to give a copy of the notice to, where applicable:
  - (a) the employer of an employee who is a member of the workforce if the notice is issued to the employee, and in connection with work performed by the employee, and
  - (b) the owner of any workplace plant, substance or thing that the notice relates to, unless the owner is the responsible person or an employer referred to in (a), and
  - (c) if the responsible person is the owner of any workplace, plant, substance or thing because of which the contravention has occurred, or is likely to occur: the operator of the facility, and if the employer of employees who work in that workplace or who use that plant, substance or thing is a person other than the operator—that employer; and
  - (d) the titleholder, if the responsible person is the operator, and the contravention relates, or is likely to relate to, the titleholders' well related obligations.
8. Under item 8 of subclause 80A(1) of Schedule 3 to the Act, any of the following persons may in writing request the reviewing authority to review the NOPSEMA inspector's decision:
  - the operator of the facility
  - the titleholder, if the notice is issued to a titleholder;
  - any other person to whom the notice has been issued;
  - an employer, if affected by the decision;
  - a relevant health and safety representative;
  - a relevant workforce representative, if requested by a member of the workforce affected by the decision;
  - a person who owns any workplace plant, substance or thing to which the NOPSEMA inspector's decision relates.
9. An improvement notice ceases to have effect when the responsible person takes the action specified in the notice.