

## **Petroleum and Gas (Production and Safety). Electrical Technical Working Group**

### **Background**

Recent inspections of Drilling and Well Servicing rigs by the Petroleum and Gas inspectorate has identified a number of issues relating to electrical standards and compliance. Identified issues relate to construction standards, earthing and bonding, hazardous zone electrical work, licences vs competency, and others.

The Petroleum and Gas (Production and Safety) Act 2004 refers to the Managing Risks of Plant in the Workplace Code of Practice as a preferred safety requirement. *AS/NZS 3000:2007, Electrical installations (known as the Australian/New Zealand Wiring Rules)* is applicable as a result of its reference in the CoP. However, section 7 (4)(b) of the Petroleum and Gas (Production and Safety) Regulation 2004 provides for a person to adopt alternative ways of ensuring complying with the requirement.

Drilling contractors are managing electrical safety in a number of ways with no one consistent approach.

### **Project aims**

1. To identify current legislative standards as they relate to electrical requirements on operating plant that are drilling and well servicing rigs within Queensland.
2. To collaboratively define the relevance of current standards and identify alternative electrical compliance standards for the drilling industry.
3. To consider and make recommendations to the regulator regarding the preferred approach to regulate electrical safety in the drilling and well servicing industry.

### **Electrical Technical Working Group Membership**

Regulators	
Daryl Brooker (Chair) <a href="mailto:daryl.brooker@dnrm.qld.gov.au">daryl.brooker@dnrm.qld.gov.au</a>	Department of Natural Resources and Mines
Dan DeClara <a href="mailto:dan.declara@dnrm.qld.gov.au">dan.declara@dnrm.qld.gov.au</a>	Department of Natural Resources and Mines
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Graham Nyman <a href="mailto:graham.nyman@justice.qld.gov.au">graham.nyman@justice.qld.gov.au</a>	Electrical Safety Office
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Melissa Greenall <a href="mailto:melissa@adia.com.au">melissa@adia.com.au</a>	Australian Drilling Industry Association
Industry Associations	
Mark Dearlove <a href="mailto:mdearlove@masterelectricians.com.au">mdearlove@masterelectricians.com.au</a>	Masters electricians/Electrical contractors association.

## Meeting of 22 July 2014

**Location:** DNRM Southern Regional Offices

Landcentre, Corner Main and Vulture Streets, Woolloongabba, Queensland 4102

**Time:** 9.30am to 12midday

### Agenda:

Item no	Time	Description	Who
1.	9.00 to 9:15	Welcome and coffee	
2.	9:15 to 9:30	Purpose of the group - Introduction	Daryl Brooker
3.	9.30 to 10:00	Current state of Play – What does the legislation say?	Daryl Brooker Graham Nyman
4.	10:00 to 10:30	Issues prompting the instigation of the working group – the inspectorates view	Dan DeClara Graham Nyman
	10:30 to 10:45	Break	
5.	10:45 to 11:15	Issues from Industry – representative’s view	Saxon Ensign Easternwell Savanna
7.	11:15 to 12:00	Discussion and agreement on action planning <b>(Blank Plan attached)</b> <ul style="list-style-type: none"><li>• <b>Actions</b></li><li>• <b>Milestones</b></li><li>• <b>Resources</b></li><li>• <b>Challenges</b></li><li>• <b>Performance Indicators</b></li></ul>	Group discussion
8.	12:00	Finish	

## Action Planning Template

*2014 Petroleum and Gas Inspectorate Business Renewal Initiative*

**Department:** PETROLEUM AND GAS, SAFETY AND HEALTH

**Start Date:** *22 July 2014*

**Comments**

**Division/Branch/Work Unit:** PETROLEUM AND GAS INSPECTORATE

**Progress update:** First meeting

*[any comments]*

**Project Lead:** Daryl Brooker – Principal Inspector, Upstream

**Completion date:** *30 October 2014*

### Focus Area: Drilling and Well Servicing Electrical Standards for Compliance with P&G Act

**Project aims**

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Intended Outcome <i>(What will success look like?)</i>	Action(s) <i>(Can be multiple options)</i>	Milestone dates	Resources required	Challenges in achieving Intended Outcomes	Performance Indicator <i>(How will you measure your success?)</i>
	1.				
	2.				
	3.				

	4.				
	5.				
	6.				
	7.				
	8.				
	9.				
	<b>Who:</b> <b>When:</b> <b>How:</b>				
	<b>Endorsed action plan</b>				
	<b>Name:</b>		<b>Signed:</b>		
	<b>Date:</b>				