

Huracan Verification Tool															
Date: 04/06/2018		Lease / Location; Kinetic Yard - Roma		Verifier; Paul Gordon											
Contractor; Huracan		Activity / Rig; Installation of Down Hole Gauges		Verifier Signature;											
Contractor Rep Signature:															
Purpose: The Element Verification Tool has been designed to enable verification of the implementation/application of the Contractor's EHS Management System in relation to activities and equipment. This will consist of Santos representatives undertaking a site visit prior to mobilisation.															
Protocols: Description - This information details the HSE system component to be verified Evidence - Please detail the evidence used to verify this item. This information needs to be specific e.g. for documents provide the title and document control information (document number and approval date), for observations give date, specific location and concise information regarding the physical activity/object observed. Evidence Type - There are three main types of evidence used for verifications these are documents, photos and observations. Evidence Comment - This column is provided to record any relevant comment or required further action to enable verification of the item (e.g. contractor to demonstrate inspection form is routinely completed). Status - this column lists if the item has been <u>verified</u> or is <u>pending</u> further action.		References: <table><tr><th>Santos SMS Reference</th><th>Acts / Regulations</th><th>Codes of Practice</th><th>AS / ANZ Standards</th><th>Best Practice</th></tr><tr><td>SMS-MS14 People-ST09 Competency and Training Procedure Risk ST16 - Plant Safety Risk ST3 - Work Activity Risk M'ment Risk ST7 - Falls & Falling Objects Risk ST8 - Lifting Operations Risk ST11 - Occupational Exposure M'ment Risk ST12 - Land Transportation Risk ST15 - Fitness for Work and Fatigue Management Risk ST17 - Remote or Isolated Work SMS-MS3 Drilling and Completions-ST1-TS All Sections [DCMP] Drilling Operations Manual [DOM] Rev 6</td><td>Petroleum and Gas (Production and Safety) Act 2004 Work Health and Safety Regulations 2011</td><td>Safe Work Australia CoP Managing Risks Of Plant In The Workplace - 2016</td><td></td><td>API RP 54</td></tr></table>				Santos SMS Reference	Acts / Regulations	Codes of Practice	AS / ANZ Standards	Best Practice	SMS-MS14 People-ST09 Competency and Training Procedure Risk ST16 - Plant Safety Risk ST3 - Work Activity Risk M'ment Risk ST7 - Falls & Falling Objects Risk ST8 - Lifting Operations Risk ST11 - Occupational Exposure M'ment Risk ST12 - Land Transportation Risk ST15 - Fitness for Work and Fatigue Management Risk ST17 - Remote or Isolated Work SMS-MS3 Drilling and Completions-ST1-TS All Sections [DCMP] Drilling Operations Manual [DOM] Rev 6	Petroleum and Gas (Production and Safety) Act 2004 Work Health and Safety Regulations 2011	Safe Work Australia CoP Managing Risks Of Plant In The Workplace - 2016		API RP 54
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1	Safety Management Plan <i>(Verify Updated SMP and signed SSM appointment letters are available)</i>	1.0 KIN-AOG-QHSE-MAP002-HSEMP-V1.0 (WIS v1.3) 1.0 Glen Humphreys SSM Letter - Signed 1.0 John Hetherington SSM Letter - Signed 1.0 Jon Hollingworth SSM Letter - Signed 1.0 Kurt Rowbotham SSM Letter - Signed 1.0 Huracan - Kinetic HSEMP - Huracan Incident Reporting Database [HIRD]	A Copy of SMP Document AND SSM Appointment Letter	4/06/2018 PG - Verified the Kinetic HSEMP and SSM letters of appointment for Glen Humphreys, John Hetherington, Jon Hollingworth and Kurt Rowbotham as accessible via the Huracan intranet Incident Reporting Database [HIRD]. NOTE: The Huracan Operations Manager (Jon Hollingworth) advised that the Kinetic HSEMP and Huracan crew members SSM letters to be available in hard copy on site as well.	Verified										
2	Working in Hot Environments <i>(Verify a Heat Stress Management Plan and supporting documents is available)</i>	2.0 Huracan - KIN-AOG-QHSE-PRO015-Fitness for Work Procedure-V1.0	A Copy of Heat Stress Management Plan or Similar Document AND A Photo Upon Observation of Document Availability Onsite.	4/06/2018 PG - Verified the KIN-AOG-QHSE-PRO015-Fitness for Work Procedure-V1.0 as accessible via the Huracan intranet Incident Reporting Database [HIRD] with section 7.1 Appendix A: Heat Induced Illness Flowchart outlining requirements.	Verified										
3	Verify the process for hazard identification has been implemented and all hazards identified by personnel are added to the register and all hazards raised by the Company, either directly or indirectly by audits and inspections completed on behalf of the Company or by Related Works Contractors regarding the Contractor are added to the site hazard observation register	3.0 Huracan - Service Quality Report Example 3.0 Huracan - Service Quality and HSSE Reports - [HIRD] 3.0 Huracan - HSSE Report Example	Photo of the Contractor's Hazard Register or Corrective Action Register Document	4/06/2018 PG - Huracan process for hazard ID is online via their intranet [HIRD], examples of a submitted hazard and SQ / HSSE registers provided.	Verified										
4	Verify that SOP's are available for activities being performed onsite <i>(Verify SOP sign off sheets)</i>	4.0 Huracan - SOP and JHA Access - [HIRD]. 4.0 Huracan - KIN-AOG-QHSE-REG006-SOP Register-V1.0 4.0 Huracan - SOP GN013 Install Permanent Down hole Gauages 4.0 Huracan - JSA GN010 Install Permanent Down hole Gauages 4.0 Huracan - Pre-job Sign off Gauge SOP and JSA Safety Sheet [Blank Copy]	Photo(s) Upon Observation of Contractor's SOP Index / SOP Availability in Folder Onsite	4/06/2018 PG - Verified the Sop and JHA as accessible via the Huracan intranet Incident Reporting Database [HIRD]. No SOP/JHA signoff available. NOTE: Signed copy of the Huracan Pre-job Sign off Gauge SOP and JSA Safety Sheet to be provided, next job scheduled for the 16/06/2018. NOTE: The Huracan Operations Manager (Jon Hollingworth) advised that the relevant SOP and JHA will be available in hard copy on site as a back up if unable to access intranet.	On Site Verification										
5	Significant Hazard Risk Register including a section identifying control validation and frequency <i>(Verify Updated SHRR/Risk Register is available on Location)</i>	5.0 Huracan - Huracan Risk Register - Roma	A Copy of Contractor's Significant Hazard Risk Register or Operations Risk Register Document	4/06/2018 PG - A copy of the Huracan Risk Register provided. NOTE: The supplied risk register does not include a section identifying control validation and frequency.	Pending										
6	Plant Risk Assessment <i>(Verify Plant risk assessment(s) for equipment that are aligned with the Managing the Risk of Plant in the Workplace Code of Practice are available on location)</i>	6.0 Huracan - PE RA (SV57 082-VEB AMBER) KINETIC EX	A Copy of All Contractor's Plant Risk Assessment Documents AND Observation of Contractor's Plant Risk Assessment Availability Onsite / Accessibility	4/06/2018 PG - Plant Risk assessment for the Huracan Capillary Spooling Unit verified as accessible via the Huracan intranet Incident Reporting Database [HIRD] NOTE: The Huracan Operations Manager (Jon Hollingworth) advised that the Capillary Spooling Unit PRA will be available in hard copy on site as a back up if unable to access intranet.	Verified										
7	Banned Items register is available and communicated during site inductions <i>(Verify the Banned items register includes Minsup, r-clips, diaper pins or other safety pins that can fail open are not to be used in overhead equipment and items listed in Santos banned item list / ST 16 Plant Safety are not available or in use) - This is not applicable for registerable plant & Equipment e.g Cranes.</i>	7.0 Huracan - KIN-AOG-QHSE-FRM032-How to Guide-V1.0 (Banned Items) 7.0 Huracan - Glen Humphreys Kinetic Induction NOEXP 7.0 Huracan - John Hetherington Kinetic Induction NOEXP 7.0 Huracan - Jon Hollingworth Kinetic Induction NOEXP 7.0 Huracan - Kurt Rowbotham Kinetic Induction NOEXP 7.0 Huracan - Kinetic Pre job Safety and Induction Form [Banned Item Reference]	A Copy of the Contractor's Banned Item Register Document AND Observation of Completed Induction Which Include Banned Items Communication.	4/06/2018 PG - Verified copy of the Banned Items document as available. QHSE Management System Resource Worker Induction Checklist does not specifically reference banned items, the Kinetic QHSE (Donna Jamieson) advised that it is covered in the Industry & Field, QHSE Field Documentation. Verified that Glen Humphreys, John Hetherington, Jon Hollingworth and Kurt Rowbotham have completed their Kinetic inductions. NOTE: The Huracan Operations Manager (Jon Hollingworth) advised that the Banned Items document will be available in hard copy on site as a back up if unable to access intranet.	Verified										
	Training / Licenses / Certificates														
8	Santos Inductions <i>(Verify all personnel working at or visiting a Santos site undergo appropriate EHS inductions that includes i) Santos Online Onshore Induction; ii) Santos Online Land Access Induction – QLD only; iii) Contractor Site Induction (Level 3 Induction).</i> <i>Note: Heat Stress Awareness (Oct - March of current specific year / to be conducted utilizing contractors Heat Stress Awareness program and reflected in the respective contractor's Training Matrix);</i>	8.0 Huracan - Huracan Training Matrix May 2018 8.0 Huracan - Glen Humphreys Santos EHS Certificate 8.0 Huracan - John Hetherington Santos EHS Certificate 8.0 Huracan - Jon Hollingworth Santos EHS Certificate 8.0 Huracan - Kurt Rowbotham Santos EHS Certificate	Copy of Contractor's Completed Training Matrix AND Copy of Fusion Excel Document Confirming Completion of Required Santos Online Inductions.	4/06/2018 PG - Verified that Glen Humphreys, John Hetherington, Jon Hollingworth and Kurt Rowbotham have completed the mandatory Santos inductions.	Verified										
9	Wellsite Permit to Work Rev 3 <i>(Verify Permit to Work Training has been completed)</i>	8.0 Huracan - Huracan Training Matrix May 2018 9.0 Huracan - Glen Humphreys Wellsite Permit To Work (PA) 9.0 Huracan - John Hetherington Wellsite Permit To Work (PH) Temp Cert 9.0 Huracan - Jon Hollingworth Wellsite Permit To Work (PH & PA) 9.0 Huracan - Kurt Rowbotham Wellsite Permit To Work (PA) Temp Cert	Copy of Contractor's Completed Training Matrix Document AND Photo(s) of Randomly Selected Certificates Confirming Completion	4/06/2018 PG - Verified training matrix lists completed WPTW and sighted completed current certification.	Verified										
10	First Aid competency for personnel that have First response responsibilities. <i>(Verify Personnel have received First Aid and CPR training)</i>	8.0 Huracan - Huracan Training Matrix May 2018	A Copy of Contractor's Completed Training Matrix Document AND Photo(s) of Randomly Selected Certificates Confirming Completion	4/06/2018 PG - Verified via the supplied Huracan training matrix that Kurt Rowbotham as having current first aid training. NOTE: Need to sight certification for Glen Humphreys, John Hetherington and Jon Hollingworth	Pending										
	Lifting Operations														
11	Maintenance Management Program to record data on Lifting Equipment <i>(Verify Lifting Equipment on site has been inspected and is documented in a register and has been captured in the Maintenance Program. (Select 5 items (Slings, shackles etc)</i>	11.0 Huracan - Lifting Certification 11.0 Huracan - KIN-WIS-QHSE-PRO018-Lifting Management Procedure-V1.0	Copy of Lifting Equipment Register	4/06/2018 PG - Verified completed 3rd party lifting equipment inspection certification as available.	Verified										
	Unit / Equipment														
12	Control Panels <i>(Verify controls on operating panels are clearly labelled)</i>	12.0 Huracan - Spooling Unit Control Lever	Observation of clearly labelled Control Panel levers for Spooler Unit	4/06/2018 PG - Observed Spooler Unit control levers as clearly labelled.	Verified										

Item	Description	Evidence	Evidence Type (Document / Photo / Observation)	Evidence Comment	Status Verified / Pending
13	Machine Guarding <i>(Verify machine / chain guarding is installed on rotating / moving parts)</i>	13.0 Huracan - Spooling Unit Guarding [1-5]	Observation of machine guarding's for all identified rotating parts onsite.	4/06/2018 PG - Observed rotating parts e.g. chain, shafts etc as having guarding in place. NOTE: The gauge cable rotating spool has no gaurding in place.	Pending
	Land Transport				
14	Light and Heavy Vehicle <i>(Verify compliant to Santos Vehicle Standards including IVMS. Verify drivers have been issued with their own individual IVMS key)</i>	14.0 Huracan - Drivers Unique IVMS Keys	Observation that Light and Heavy Vehicles compliant to ST12-Land Transportation Procedure 1.2.1 Light Vehicles / 1.2.2 Heavy Vehicles and drivers obtain individual IVMS keys	4/06/2018 PG - Verified Huracan crew members are issued with their own individual IVMS keys. The Huracan Operations Manager (Jon Hollingworth) advised that the crews will not be using light vehicles only a dual cab truck. NOTE: Unable to verify the Huracan dual cab truck's compliance to Santos vehicle standards as it not available until the 7/06/2018.	Pending
15	Journey Management <i>(Verify journey management has been performed)</i>	15.0 Huracan - 1415 KIN-AOG-QHSE-PRO017-Road and Journey Safety Procedure-V1.0 15.0 Journey Management Example - [HIRD] 15.0 Journey Management Example	A Photo of a completed Journey obtained from contractors system	4/06/2018 PG - Verified journey management as completed.	Verified
	Miscellaneous				
16	Home Made Tools <i>(Verify no home made tools available)</i>		Observation which covers Description Requirement	4/06/2018 PG - No home made tools observed as available in the Huracan site tool box.	Verified
17	Adequate stocks of PPE available for all personnel, visitors included? <i>(Verify PPE available for all operations)</i>		Observation of Available PPE Stocks	4/06/2018 PG - PPE stock to be verified on site.	On Site Verification