



System/Audit/Assessment Details



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Audit/Assessment Details

Ref No: AUD-1028

Date: 06 May 2009

Type: Rig Inspection (TLD Rig 4)

Category: Rig Inspection

Program: Inspection/Testing Program

Assessor: Symeoy, Anthony

Assessment:

Location: Ballarat

External Audit:

External Assessor:

Section/Area:

Division: Titeline Drilling

Function:

Task:

Completed Date: 05 May 09

Next Audit:

Result Details

Report:

Answering Employee: Symeoy, Anthony

Comments

Rating: N/A

No	Question Title	Answer Value	Answer Note
1	Rig number	TLD 4	
2	Date	5/5/09	
3	Driller name	Dennis Flower	
4	Offsiders names	Tim O'Connor, Clint Butterworth, Dave Edgar	
5	Client Name	Geogen	
6	Rig location	339 Yendon No 2 Rd Scotsburn Victoria 3352	
7	The following PPE is worn by crews	Boots Hard hats Gloves Glasses Hi-Vis Hearing Protection	
8	Dust masks available and worn when required	Yes	Not Applicable
9	Are all loose objects or items (I.e. bootlaces, jewellery, hair etc) are contained?	Yes	
20	Precautions against sun protection available when required, I.e. clothing, shade brims, sunscreen etc	Yes	
30	Welding goggles/masks/gloves are available?	Yes	Not Applicable
40	Cold or wet weather clothing available as required?	Yes	Driller asked about the use of Salimander on site. This request was rejected due to a burns incident in 2008.
50	Fall Protection Harness available and in good condition?	Yes	
55	Is the drill site set up according to rig type specifications? (Diamond, RC, CBM etc)	Yes	Concerns that Humpy is too close to Driller's platform. Humpy can be relocated about 1 meter away from platform.

56	Are vehicles restricted to designated parking areas?	Yes	
60	Is the drill site free from:	Natural hazards Steep embankments Rock fall Trees Litter Trip/slip hazards Oil or fuel spills	Gravel to be placed around muddy section of Rig layout area
70	Are consumables and equipment stacked neatly/tidily on site?	Yes	
80	Is the drillers and Offsiders work area/platform free of obstacles?	Yes	
100	Is there a waste collection process on site, I.e. bin or bags?	Yes	
110	Are the labels, guages and warning signs on drillers console clean and legible?	Yes	
120	Is the rig deck clean and free from oil and grease or other objects?	Yes	
130	Is the fluid discharge/dust from the drill hole channelled away from the rig to an adequate sump &/or prevented from seeping?	Yes	
140	Are samples stored clear of the rig working area?	Yes	
150	Is the rig cyclone positioned downwind from the drill crew? (for trailer mounted cyclones only)	N/A	
160	Is the RC collar exhaust hose/pipe securely staked and directed downwind from crews and vehicles?	N/A	
170	Does the site layout allow clear escape options in case of an emergency?	Yes	Mustering Point has been allocated to Front Gate
180	Does the rig equipment appear clean and tidy?	Yes	
181	Is the area under the rig lined with plastic and correctly banded?	N/A	
182	Are all facilities (Humpy, container, office etc) clean and tidy?	Yes	
190	Is all safety signage in place and legible?	Yes	Rig Deck safety warning signs missing, Mustering Point signs missing, Fuel tank signs & humpy fire extinguisher signs need replacing as they are fading
200	Are fire extinguishers	Correct type and size on all vehicles Clearly labelled Full Have current service tags	
201	Is the Fire Suppression System working properly?	N/A	
209	Are all containers adequately closed and sealed and not leaking?	Yes	
210	Is petrol, diesel, oil, gas and other chemicals stored in a clearly marked and taped off area away from the drillrig?	Yes	
211	Are all chemical containers adequately labelled?	Yes	
212	Are spill kits available on site?	Yes	
230	Is there an adequate fire-break around the drill rig? (3m is the minimum requirement)		
240	Has dry grass or other flammable materials been cleared from around the drill rig?	Yes	
250	Are first aid kits adequately stocked, clean and easily accessible on rigs and vehicles?	Yes	First Aid kit needs cleaning & replenishing

260	Have the first aid kits been audited in the past month?	Yes	Audited 4/5/09
261	Is there a qualified First Aider on each shift?	Yes	
262	Is the First Aid information board up to date?	Yes	
263	Is an Eye Wash available on site?	No	Eye wash solution has expired and needs replacing
270	Are earth leakage devices (RCD) fitted to generators and tested?	Yes	Not Applicable (small generator)
271	Does the rig have an electrical isolation switch?	Yes	
272	Do all crew members know where the electrical isolation switch is located?	Yes	
280	Are all electric leads/cables and tools in good condition?	Yes	
281	Are all electrical leads and equipment fitted with a current test Tag?	No	Microwave, Kettle, Humpy Light & new extension lead need testing & tagging
290	Are all electrical leads/cables safely positioned (not a trip hazard) and protected from potential damage?	Yes	
299	Is the site and equipment clear of overhead powerlines such that the powerlines do not pose a threat?	Yes	
300	Are rig night lights and electrical fittings waterproof, clean and adequate?	Yes	Not Applicable (no lighting plant)
301	Are all lights in Light Tower functioning?	Yes	Not Applicable
310	Is the rig level and stable?	Yes	
320	Are the rig jack legs on a suitable foundation?	Yes	
330	If jack legs can be locked in position, have they been secured?	Yes	
340	Does the rig mast appear to be structurally sound and not twisted or bent?	Yes	
350	Is the mast adequately supported?	Yes	
370	Are the mast pivot points and locking pins in good condition and secured?	Yes	
380	Are bolts secured and not missing (General visual inspection)	Yes	
390	Are ladders, platforms and walkways adequate and in good condition?	Yes	
391	Are rails in place where required and at 0.9m high?	Yes	
392	Is access to all vehicles and vehicle trays appropriate and safe?	Yes	
400	Are belts, pulleys and other moving parts adequately guarded?	Yes	Concerns on rod spin guarding being adequate. (Refer Plant Risk Assessment)
410	Are machine guards safe and secure and not a potential hazard (broken, jagged edges, etc)?	No	Bean pump guarding requires repair
420	Are manifolds, exhaust pipes, turbo-chargers and mufflers in good condition and adequately guarded or heat shielded?	Yes	
430	Is a pressure relief valve fitted to the air compressor or water injection pump?	Yes	
440	If compressor PRV is shear-pin type, is the shear pin compromised?	N/A	
450	Are all high pressure air, water and hydraulic lines rated?	Yes	
460	Are all double braided hoses free from cuts tears or other visible damage?	Yes	
470	Are all hoses prevented from rubbing on sharp edges?	No	Water Hose to bean pump is rubbing on deck platform.
480	Are all hose connections in good condition?	Yes	

490	Are high pressure hoses fitted with Whip Socks and secured to 2 anchor points on the body of the rig?	Yes	
500	Are oxygen and acetylene cylinders firmly secured in an upright position?	Yes	
510	Are oxy/acetylene hoses fitted with flashback arrestors on both ends of each hose?	N/A	Cylinders on Hump[ly but no hoses or arrestors supplied
520	Are oxy/acetylene hoses in good condition?	N/A	Cylinders on Hump[ly but no hoses or arrestors supplied
530	Are Stillsons and rig tongs in good condition and not damaged or worn?	Yes	
531	Is there a tool rack or tool box for frequently used tools?	Yes	
540	Are hand tools in good condition with secure handles?	Yes	
541	Are damaged tools tagged and ready for repairs?	Yes	
542	Do all power tools that require guarding have guarding and are they in good condition?	N/A	
550	Are RC spanners in good condition?	N/A	
560	Are both 4 1/2" and 5" spanners available and being used?	N/A	
565	Is the rig and associated equipment fitted with clearly labelled red emergency stop buttons?	Yes	
566	Does the booster compressor have an emergency stop button?	N/A	
567	Do all emergency stop buttons work?	Yes	
581	Do all pressure vessels associated with drill site have a current Pressure Equipment registration tag?	N/A	
582	Are the compressor Pre-Starts completed daily?	N/A	
583	Are all pressure valves and gauges in good condition?	Yes	
600	Are all pulldown/pullback chains/cables in good condition?	Yes	
601	Is the Hook and Clamshell in good condition?	Yes	Still need additional size hook & clamshell which is on order.
602	Is the rod handler in good condition and without visible damage?	N/A	
603	Have all operators been instructed in the correct use of the Rod Handler?	N/A	
610	Are hoisting cables, wirelines and slings free from knots, kinks, frays and broken wires?	Yes	
620	Are wireline splice or cable clamps correctly fitted?	Yes	
630	Is all lifting gear (i.e. chains, swivels, shackles, wire ropes, slings etc) tagged or stamped with safe working load and adequate capacity to do the	Yes	
640	Have all sheaves and winch drums been checked for excessive wear, visible damage, cracks etc?	Yes	
641	Is Hoist Plug thread in good condition?	Yes	
642	Are Power Tongs in good condition?	Yes	
643	Are Super Savers in good condition?	Yes	
650	Are drill rods/casings handled in such a way as to prevent injury? (i.e. overuse, manual handling)	Yes	Rods broken into 3 meter lengths
660	Are drill rods/casings stored securely?	Yes	
661	Is rod rack stable, adequate for task and stable?	Yes	
670	Is the rig free from any visible equipment damage?	Yes	

680	Are fuel and oil filters easily accessible?	Yes	
690	Are batteries and cables in good condition and secured, i.e. in a battery box with clamps?	Yes	
691	If a battery isolation switch is in place, is it functional?	N/A	
700	Have all crews been inducted in site safety and environmental requirements before commencing work?	Yes	
710	Are the site emergency procedures documented, available and understood?	Yes	All Crew notified of Mustering Point Location
711	Is the emergency noticeboard up to date?	Yes	
712	Has a rig evacuation rehearsal been conducted at this site?	No	planned for 6/5/09 with Geogen
720	Is there a support vehicle that is available at all times in case of emergencies?	Yes	
730	Are accident/incident reporting procedures understood by all crew members?	Yes	
740	Do crew members have sufficient breaks?	Yes	
741	Is fresh drinking water readily available to rig crews?	Yes	
750	Are new offsidiers given close supervision and 1 month safety assessment?	Yes	
770	What training have crew members recieved since the last safety inspection?	On-Rig Induction & Geogen Induction	
780	Does the rig have adequate communication systems for emergencies?	Mobile	
790	Are all crew members familiar with the communications systems?	Yes	
800	Do all crew members know how to stop rotation, shut down rig, cromptressor etc in the event of an emergency?	Yes	
809	Have crews attended a client induction recently?	Yes	
810	What training have crew members recieved in past 2 months?	Other	Refer Q 770
811	Are all crew members aware of the following Fitness For Work issues	Drugs and Alcohol Fatigue Reporting personal issues Bullying & Harassment	
820	Have the operating noise levels of the rig been measured?	No	Noise reading to be completed
830	Is the following information available on site?	MSDS folder SOP folder Manufacturer Information	MSDS Folder needs updated (Hi Vis MSDS missing)
831	Are regular Tool Box Talks held? Verify through TBM book.	No	Planned for 6/5/09 after emergency rehearsal
832	Is the rig equipment registration folder available on the site? (Fire extinguishers, gas, etc)	N/A	
840	Are all crew members aware of the location of the fire extinguishers?	Yes	
850	Have all crew members been instructed in the correct use of the fire extinguishers?	Yes	
859	Have the Pre-Start books been completed for the shift?	Yes	Truck pre-starts not completed as they are not used as vet.
860	When was the rigs last major overhaul (Discuss with driller, review drill og book)?	Last service 5949	Completed 3 days ago as it had just come back into service from being stood down
870	Is the rig serviced regularly (Discuss with driller and review log book)?	Yes	
880	Are all access roads and tracks to the site of adequate size and in suitable condition?	Yes	
890	Do other road conditions impact on accessibility to the site, including:	Gates/Private roads	

891	Have any non-conformances been observed during Rig Inspection?	Yes
892	If YES above list non-conformances observed.	Signs required for Muster Point, Rig deck & Humpy, Eye wash solution needed, Electrical testing & Tagging required on several items, Gravel being placed over muddy areas, First Aid Kit needs replenishment, Bean Pump Guarding needs repair. Water Hose needs protection from rubbing on dck platform, MSDS folder needs review, Emergency Rehearsal & Toolbox meeting need to be completed
893	Have any JSA's been conducted in last month?	Yes
900	Other site related issues?	Toilet to be provided
910	Assessors name	Tony Symeoy, Tim O'Connor, Aaron Clifton (Client)
