



ALL STAR I&E ELECTRICAL RIG INSPECTION

TIME:	DATE:					
PERSON PREFORMING INSPECTION:						
RIG#:						
RIG MANAGER:						
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
VFD/SCR HOUSE						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	All labels clear and legible both inside and outside the house.					
2	Rubber matting in floor of house clean and free of debris. Matting fits in place.					
3	High voltage signage in place, clean and visible.					
4	Lighting in good condition. Clean.					
5	Distribution panels clear and accessible.					
6	All unused receptacles covered.					
7	All grounds in place and tight. Ground rod in place.					
8	Back of plug boards locked and keys secured in the Rig Managers House.					
9	Lock Out Tag Out in place on all unused buckets.					
10	Emergency lighting functional.					



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VFD/SCR HOUSE						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
11	All plugs and receptacles on outside of house clearly marked and plugged in properly.					
12	All electrical installations in compliance with QC policy and procedure.					
13	All protective guards in place on back of VFD to protect from electrical shock.					
14	Switch Gear and MCC clean.					
15	All control lights on Switch Gear and MCC working properly.					
16	Thermal temperature inspection of all buckets in the MCC to insure a tight connection.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
MUD TANKS/TRIP TANK/HPU/HOPPER/WATER TANK						
1	All agitator motors are clearly marked.					
2	Motor starters for agitator motors are clean and in good working order.					
3	Lighting available, clean, wiring in good working order, safety cables in place, all unused plugs are covered.					
4	Grounds installed where required.					
5	Class1 Div 1 fixtures and boxes in place where required as per API 500.					



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MUD TANKS/TRIP TANK/HPU/HOPPER/WATER TANK						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
6	Electrical data plates legible on all components.					
7	Strain relief in place, electrical wiring and/or conduit in good condition not weather cracked.					
8	All distribution panels clearly marked and external switches functional.					
9	All electrical installations in compliance with QC policy and procedure.					
10	All Phone and/or Intercom system working properly and clearly marked.					
11	All motor controls clearly marked and functional.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
GENERATORS						
1	High voltage signs posted and visible.					
2	Lock Out/Tag Out signs posted where required.					
3	All moving parts covered.					
4	Gens grounded where required.					
5	All electronic gauges functional.					



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GENERATORS						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
6	All electrical connections clearly marked.					
7	Battery boxes in place with insulated covers or battery terminal boots in place.					
8	Lighting in good condition with safety cables.					
9	Doors to distribution panels clearly marked and locked.					
10	All unused receptacles covered.					
11	Thermal inspection of all connections preformed.					
12	Electrical wiring and/or conduit in good condition and free from weather damage.					
13	Emergency lighting installed as per company policy.					
14	All electrical installations in compliance with QC policy and procedure.					
15	Cold start panel and transformer grounded.					
16	Record amp reading on all three gens in the comments section.					
17	Electronic pop off valves installed and functioning on all air compressors and tanks.					



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MUD PUMPS						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	Rotating parts are guarded and secured.					
2	Lighting available, clean and in good working order with safety chains.					
3	Grounds installed where required. All ground connections are tight.					
4	All electronic pressure gauges functioning.					
5	All electrical installations in compliance with QC policy and procedure.					
6	Record amp reading on traction motors in comments section.					
7	Perform thermal temperature checks on all traction motors, blowers and oilers.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
DRAW WORKS						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	Rotating parts are guarded and secured					
2	Lighting available, clean and in good working order with safety chains.					



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SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
DRAW WORKS						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
3	Grounds installed where required. All ground connections are tight.					
4	All electronic pressure gauges functioning.					
5	All electrical installations in compliance with QC policy and procedure.					
6	Record amp reading on traction motors in comments section.					
7	Perform thermal temperature checks on all traction motors, blowers and oilers.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
ACCUMULATOR						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	Grounds installed where required. All ground connections tight.					
2	Lighting available clean and in working order with safety cables installed.					
3	All unused electric lines capped off too keep free of debris.					
4	Operational warning signs posted.					



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ACCUMULATOR						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	Grounds installed where required. All ground connections tight.					
2	Lighting available clean and in working order with safety cables installed.					
3	All unused electric lines capped off too keep free of debris.					
4	Operational warning signs posted.					
5	Electrical power supply line protected.					
6	Any electric pumps if equipped are in working order.					
7	All electrical installations in compliance with QC policy and procedure.					
8	All indicator lights working properly. Lamps are not burned out.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
SUB STRUCTURE						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	All grounds in place where required to include sub to sub and sub to other components such as draw works skid or top dog house.					



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SUB STRUCTURE						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
2	All electrical installations in compliance with QC policy and procedure.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
DERRICK						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	Grounds in place where required.					
2	All plugs and receptacles are clearly labeled and marked in any plug board that may be on the mast.					
3	Top drive is properly grounded.					
4	Record amp reading on top drive and its blowers in the comments section.					
5	Record thermal inspection of traction motors and blowers.					
6	Lighting in mast in good working order. Safety cables in place.					
7	Red and blue 120 volt beacons in good working order and clearly visible from a distance.					
8	All electrical installations in compliance with QC policy and procedure.					



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DERRICK						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
9	Man rider is in good working order.					
10	Man rider E-Stop working properly.					
11	Board winch is functioning properly.					
12	Take amp reading on traction motor and record in comments section.					
OSDH/TOP DOG HOUSE/PARTS HOUSE/CHANGE HOUSE						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
1	Grounds in place where required.					
2	Adequate lighting in place, clean and functioning properly. Safety cables in place.					
3	All distribution panels clearly marked, clean and functioning properly.					
4	Breather drains in all panels.					
5	Thermal inspection of panel connections					
6	All heaters functioning properly with safety cables attached.					



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OSDH/TOP DOG HOUSE/PARTS HOUSE/CHANGE HOUSE						
ITEM #	CONDITION:	SAT	UN SAT	N/A	CORRECTED BY DATE:	COMMENTS:
7	All electrical installations in compliance with QC policy and procedure.					
SAT – SATISFACTORY CONDITION / UN SAT – UNSATISFACTORY CONDITION / N/A – NOT APPLICABLE						
FUEL TANK						
1	All grounds in place where required.					
2	Static ground clamp in place for filling.					
3	Guards in place and secured on motors and pumps.					
4	All electrical installations in compliance with QC policy and procedure.					
5	Power cables for pump motors clearly labeled and marked.					
6	Adequate lighting in place clean and functioning properly. Safety cables installed.					
CREW HOUSE/RIG MANAGERS HOUSE/CAMP TRANSFORMER/SAFETY HOUSE						
1	All grounds in place where required.					
2	Distribution panels clearly labeled and free from ease of access.					
3	All switches installed in appropriate places per NEC guidelines.					
4	Record thermal inspection of panel connections.					

