

## Rig Inspection Checklists

**NOTE: The following Rig Inspection Checklists are not a complete listing of requirements. They were developed to assist employers and workers with training, equipment and documentation requirements in rigging.**

<b>Training Requirements – Rig Inspection Checklist</b>		
	<b>OHS Regulation/ WCA</b>	<b>✓</b>
1. Derrick man must be trained to use escape buggy; buggy inspection recorded weekly	23.39(4)	<input type="checkbox"/>
2. Simulated Derrick rescue once a year and documented	4.14(3) 32.2(2)	<input type="checkbox"/>
3. 2 crew members with “PITS RIG RESCUE” training on tour at all times	32.2(1)	<input type="checkbox"/>
4. All crew members should have “PITS FALL PROTECTION” training	11.2(6)	<input type="checkbox"/>
5. CAODC “FALL PROTECTION MANUAL” on location	11.3(2)	<input type="checkbox"/>
6. Hearing test once a year and within 6 months of being hired	7.8(1)(a)(b)	<input type="checkbox"/>
7. Fit testing for respirators – SCBA’s and ½ mask respirators	8.40	<input type="checkbox"/>
8. ETS – no smoking in well site shack/camp/vehicles – designated areas only	4.81	<input type="checkbox"/>
9. No equipment located under escape buggy line – 50 feet	23.39(2)	<input type="checkbox"/>
10. Slings and attachments must be visually inspected each shift and before use / removed from service if defective	15.25,15.43(wire rope) 15.54 (synthetic)	<input type="checkbox"/> <input type="checkbox"/>
11. Address hazards when rigging up – working over 3 Meters above grade / proper anchor points	11.2, 11.6	<input type="checkbox"/>
12. Forklift/Mobile equipment training CSA Standard for lift trucks & Manufacturer’s recommendations	4.3, 16.4, 16.7	<input type="checkbox"/>
13. Training of workers conducting rigging and slinging operations - Definition of qualified	15.2 1.1	<input type="checkbox"/>
14. Driver training – GODI – PITS standards	23.22	<input type="checkbox"/>

## Equipment Requirements – Rig Inspection Checklist

	OHS Regulation/ WCA	✓
1. Suitable Self Retracting Lifeline (a) Floor to Crown (b) Crown to Monkeyboard (c) Soft line to Retract SALA Block Line when not in use (Reel) – optional (d) Additional anchor point and assemblies for working lifelines	11.5, 11.6	<input type="checkbox"/>
2. Escape Line Anchor (3000 lb. Block)	23.39(1)(d)	<input type="checkbox"/>
3. Location of escape equipment to allow unimpeded exit from monkeyboard (refer to CAODC RP #9 – Derrick Egress)	4.14(2)	<input type="checkbox"/>
4. Fall Restraint system for the roof of the doghouse or any other area over 3 meters	11.2	<input type="checkbox"/>
5. Rig Rescue Equipment – inspected and maintained in good working order	11.9	<input type="checkbox"/>
6. Lock-out Station / Board ( locks / tags / scissor hasps)	10.4	<input type="checkbox"/>
7. 4 – Positive pressure (no donning switch) SCBA on site - 2 units at two different locations / 4 spare bottles	23.36 CSA 94-4	<input type="checkbox"/>
8. Safety chain across “V” door	4.55(a)	<input type="checkbox"/>
9. Cat head spools removed or covered	23.20	<input type="checkbox"/>
10. Crown saver in place / functioned each day	23.49(2)(3)	<input type="checkbox"/>
11. Risk assessment done for eye washing facilities/emergency shower	5.88	<input type="checkbox"/>
12. Oil based mud system – coveralls being cleaned / shower available	8.8, 5.85	<input type="checkbox"/>
13. 15 meter clear area under the end of the escape buggy line	23.39(2)	<input type="checkbox"/>
14. Rigging, fittings & slings have Manufacture’s ID / Working Load Limit (WLL) attached	15.5(1)	<input type="checkbox"/>
15. Stairs with 4 or more risers must have handrails	4.62	<input type="checkbox"/>
16. DST’s, underbalanced drilling & oil based mud systems require L.E.L / H <sup>2</sup> S / O <sup>2</sup> detectors in an enclosed substructure or adequate ventilation. Size of ventilation openings, mechanical ventilation, and cold weather provisions	23.43	<input type="checkbox"/>
17. Signs under overhead power lines	19.5	<input type="checkbox"/>
18. Degasser vents lines use appropriate fittings	23.13(1)	<input type="checkbox"/>
19. Exhaust fan in mud mixing room	5.64, 5.65	<input type="checkbox"/>
20. BOP requirements different than Alberta – 1850 Meters and deeper require gut line – **REFER TO Drilling & Production Regulation (Oil & Gas Commission)	2.2	<input type="checkbox"/>
21. Coordination of Multiple Employer workplaces	23.4 & WCA 118	<input type="checkbox"/>
22. Control of Static Electricity	23.6, 5.28	<input type="checkbox"/>
23. Fire hazards – No Smoking or open flames within 25 metres	23.7	<input type="checkbox"/>
24. Control of Ignition Sources – BC Electrical Code	23.8(1)(a)	<input type="checkbox"/>
25. Control of Ignition Sources – Positive Air Shutoffs for Diesel Engines	23.8(1)(b) 23.8(2)	<input type="checkbox"/>
26. Flare Pits & Flare Lines – lighting, safe access	23.9	<input type="checkbox"/>
27. Fire Extinguishers 4 X 40-BC	23.10	<input type="checkbox"/>
28. Air Operating Systems – Alcohol restrictions	23.11	<input type="checkbox"/>
29. Pipelines, fittings & valves – standards, safe work procedures	23.12	<input type="checkbox"/>

## Equipment Requirements (cont'd) – Rig Inspection Checklist

	OHS Regulation/ WCA	✓
30. Hose Connections – design, service	23.13	<input type="checkbox"/>
31. Pumps – positive displacement, PSV	23.14	<input type="checkbox"/>
32. PSV – when required (Boiler & Pressure Vessel Act)	23.15	<input type="checkbox"/>
33. PSV – installation – discharge pressure, valves, restrictions, shear pins	23.16	<input type="checkbox"/>
34. Pipe Racks – loads, level surface, pins and spacers	23.17	<input type="checkbox"/>
35. Handling Pipe – nubbins, movement, deck pins, loading	23.18	<input type="checkbox"/>
36. Kelly hose – safety lines, clamps, shock hoses	23.19	<input type="checkbox"/>
37. Rigging up – signals, rigging, tag lines, location of worker, winching	23.21	<input type="checkbox"/>
38. Horizontal static line & walkway when derrick is laid down	11.2	<input type="checkbox"/>
39. Steep slopes – engineering, written plan, snubbing & yo-yoing	4.3, 23.23(2)	<input type="checkbox"/>
40. Roads – comply with OHSR – Part 26	23.24	<input type="checkbox"/>
41. Size of work area – emergency response, loads, safely moved	23.31	<input type="checkbox"/>
42. Inspection & Repair – IRP's 1.0/1.0A/2.0/3.0/4.0 – CAODC log book	23.32	<input type="checkbox"/>
43. Rig Moves – lifting points, raising & lowering the derrick	23.33	<input type="checkbox"/>
44. Instructions for the assembly and disassembly of the rig	3.3(c), 14.12	<input type="checkbox"/>
45. BOPS – installing, slinging	23.37	<input type="checkbox"/>
46. Spudding in – guards in place, platforms/stairways installed, escape line	23.38	<input type="checkbox"/>
47. Draw works controls – identified, guarded, locking devices	23.40	<input type="checkbox"/>
48. Stabbing boards – dimensions, securing, fall protection	23.41	<input type="checkbox"/>
49. Derrick enclosures – weather, climbing on, exits	23.42	<input type="checkbox"/>
50. Pits & Tanks – sources of ignition, adequate ventilation	23.44	<input type="checkbox"/>
51. Hoisting lines – 5 wraps on the draw works drum	23.48	<input type="checkbox"/>
52. Securing fingers – unsupported ends on the monkey board	23.54	<input type="checkbox"/>
53. Weight indicators – required, safety line	23.56	<input type="checkbox"/>
54. Brakes – tested, automatic feed, hold down chain	23.57	<input type="checkbox"/>
55. Guarding of the rotary table and kelly	12.2	<input type="checkbox"/>
56. Rotary tongs – preventing uncontrolled movement	23.60	<input type="checkbox"/>
57. Guylines – installation, testing spec plate, documentation	23.63	<input type="checkbox"/>
58. Drill Stem Testing - requirements	23.64	<input type="checkbox"/>
59. Swabbing at night – lighting, sand line depthometer, flags, wind direction	23.65	<input type="checkbox"/>
60. Air intakes – 6 meters from rig tank, tank truck loading	23.68	<input type="checkbox"/>
61. Flow piping – anchored, restricted areas, pressure testing	23.69	<input type="checkbox"/>
62. Pressure testing – 10% rule, documentation of tests, bleeding air	23.72	<input type="checkbox"/>
63. Hot oiling – vent line 10 meters from source of ignition	23.73	<input type="checkbox"/>

## Documentation Requirements – Rig Inspection Checklist

	OHS Regulation/ WCA	✓
1. BC WCB – OHS Regulations on site	WCA 115(2)(f)	<input type="checkbox"/>
2. CAODC “Fall Protection Manual” on site (fall protection plans)	11.3	<input type="checkbox"/>
3. Accident Reporting Kit	WCA 172	<input type="checkbox"/>
4. Derrick climbing procedure posted	11.3	<input type="checkbox"/>
5. Monkeyboard rescue procedures posted	4.13(3)	<input type="checkbox"/>
6. Noise level survey done and posted	7.3	<input type="checkbox"/>
7. Boiler certification on site (BOILER & PRESSURE VESSEL ACT)		<input type="checkbox"/>
8. Air quality documentation on site – tested every 12 months CSA Z180.1 M85	8.37	<input type="checkbox"/>
9. Fit testing documentation on site	8.44	<input type="checkbox"/>
10. SCBA inspection and maintenance records	8.44	<input type="checkbox"/>
11. List of weights of all items which can be lifted or winched	23.34, 14.36(1)	<input type="checkbox"/>
12. Escape buggy inspection and documentation once a week	23.39(4)(C)	<input type="checkbox"/>
13. Simulated derrick rescue performed and documented once a year	4.14(3), 32.2(2)	<input type="checkbox"/>
14. Safe work procedures for all jobs available for all workers	23.5	<input type="checkbox"/>
15. All certification for rig equipment (mast, substructure, BOP's, etc) available on site	23.32	<input type="checkbox"/>
16. CAODC operating hour book available on site	23.32(2) (3)	<input type="checkbox"/>
17. Monitoring and Sampling results when drilling with Non-Water Based Drilling and Completions/Well Servicing Fluids (IRP#14)	5.27(LEL) 5.48, 5.54, 5.55 (OEL's)	<input type="checkbox"/>

**Comments:**