

Equipment Inspection checklists

Comprehensive Equipment Inspection Checklist covering safety, operational condition, certification, and compliance requirements for construction machinery, tools, vehicles, and site facilities



At the beginning, we must differentiate between safe human behaviors and inspection equipment

For example wearing PPE will be involved in risk assessment not in equipment inspection checklist

Equipment Inspection checklists include:

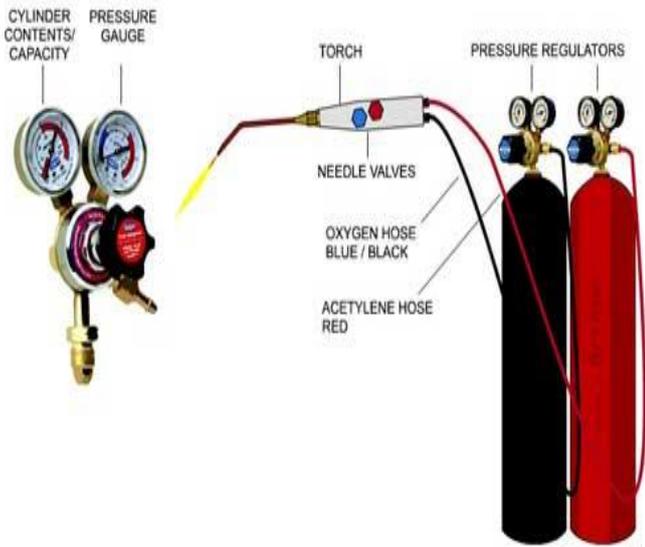
1. Welding Machine
2. Welding Cylinders
3. Air Compressor
4. Safety Belt
5. Trolley Ladders
6. Drill
7. Drill Press Machine
8. Grinder
9. Electrical Vibrator
10. Scaffolding
11. Suspended Scaffold
12. Electrical Panel
13. Electrical Generator
14. Chain Block
15. Winch Machine
16. Shackles
17. Plate Compactor
18. Fire Extinguisher
19. Bar Bending Machine
20. Excavator
21. Loader
22. Grader
23. Roller(Soil Compactor)
24. Tractor
25. Forklift \ Electric pallet
26. Man lift \ Scissor lift
27. Site Car \Bus
28. Ambulance car
29. Dumper \ Trailer \ Water Tanker
30. Diesel Tanker
31. Transit Mixer
32. Concrete Mixer
33. Mobile Crane
34. Crawler Crane
35. Tower Crane
36. Gantry \Jib \Overhead crane
37. Driller \ Pile Driver
38. Concrete Pump Car
39. Canteen
40. Warehouse
41. First Aid kit

1-Welding Machine



NO.	Valuation Items	Yes	NO	Remarks
1	Are flexible cords approved for that location?			
2	Are flexible cords in continuous lengths without splices?			
3	Are tools grounded with multi-contact plug and receptacle?			
4	Are (GFCI) provided in all circuits using portable electric tools?			
5	Switches should be free from damage and properly insulated.			
6	Has a ring test been done on abrasive wheels before mounting?			
7	Is all-electrical equipment marked with the manufacturer's Identity?			
8	Is all electrical equipment marked with the voltage, current, wattage or other ratings as necessary?			
9	Is a disconnecting switch with over current protection provided for each outlet intended for connection to a portable welding machine?			
10	Operating keys in good working order?			
11	Are all emergency stop bars, buttons, and electrical switches marked?			
12	Welding machine should be grounded properly.			
13	Damaged cables are not used and damaged cables are replaced before next use			
14	A disconnect switch with overcurrent protection is provided for every outlet used with a welding machine			
15	Welding and return led connection should be properly tight by means of socket/lugs.			
16	Welding and return led should be free from damage for eg. Cut, Open, too many joints, etc..			
17	Welding holder should be in good condition without any metal contact.			
18	Earthing holder should be in good condition and free from rust.			
19	Provide suitable fire extinguisher at work place			
20	Make fire retardant material available at work place.			
21	Provide welding booth or proper workstation whenever required.			
22	When equipment is not in use, equipment is disconnected from all power sources			
23	When equipment is not in use, electrodes are removed from holders			

2-Welding Cylinders \ Gas Cutting Set



NO.	Valuation Items	Yes	NO	Remarks
1	Cylinders are kept away from all heat sources e.g., sparks, slag, flame, and other possible ignition sources; or if not, fire- resistant shields are used			
2	Regulator should be of standard and free from defect.			
3	Is a cylinder key available?			
4	Are hoses in good order?			
5	Is the torch suitable and in good condition with no leaks from valves, shank, mixer or connections?			
6	Are connection nuts in good order?			
7	Valve protection caps are in place and hand-tight whenever cylinder is not connected			
8	Is the oxygen regulator free from grease and oil?			
9	Are flash back arrestors fitted?			
10	Flash back arrestor should be provided at both end (At cylinder pressure gauge and at torch hose pipe).			
11	Is the nozzle seated correctly?			
12	Valve caps are in place and regulators removed whenever cylinders are moved			
13	Are clips factory fitted (not jubilee clips)?			
14	All cylinders are clearly marked with the chemical or trade name of gas contents			
15	Cylinders are stored indoors in a well-ventilated, dry location at least 20 feet from any combustible material			
16	Cylinders are not stored, used, or taken into confined spaces			
17	Pressure gauge should be in proper condition			
18	Stored cylinders are secured by a chain, truck, or other steadying device			
19	Cylinders are kept upright at all times except when being moved or carried			
20	Valves of empty cylinders are kept closed			
21	Valves are kept closed whenever cylinders are not in active use			
22	Flashback protection is provided via an approved device that prevents flame from passing into gas systems			

23	Joint condition should be firm and free from defect e.g. Oily, rust and leakage			
24	Oxygen cylinders are stored separately from fuel-gas cylinders and combustible materials, either by 20 feet or by a noncombustible barrier at least 5 feet high with at least a half hour fire resistance rating			
25	Cylinders, valves, couplings, regulators, hoses, and apparatus are kept clean and free from residue			
26	Hoses having more than one passage are not used			
27	Hosepipe is in good condition and color coded as per standard.			
28	Cylinders are regularly examined for signs of defect, rusting, and/or leakage			
29	Cylinders are not dropped or permitted to be struck violently			
30	Cylinders should be kept in trolley			
31	Work carried out by competent person			
32	Keep fire extinguisher at working place			
33	Warning signs are posted: Danger – No Smoking, Matches, or Open Lights			

3-Air compressor



NO.	Valuation Items	Yes	NO	Remarks
1	Power is cut when Emergency stop button is pressed. Button should be red and only manipulated by hand.			
2	Pressure gauge should be working without any damages, corrosion and accurately indicates numbers			
3	Motor needs to be well fixed without heat and any cracks			
4	Cooling device fan without any damages. There should not be any leakage on connecting part of cooler, pipe and flange.			
5	Inlet Filter should not have any contamination, damage, detachment of a case.			
6	Safety Valve should work properly and Pressure limit switch only needs to work under designed pressure.			
7	Drain valve easy manipulated and emission with no condensate water inside tank.			
8	Power unit in the engine fixed well			
9	Engine condition should be good and pulley and V-belt tight fit			
10	Oil tank container exterior should work without any abnormalities			
11	Lubrication Oil should not have any contamination			

4-Safety Belt



NO.	Valuation Items	Yes	NO	Remarks
1	Full Body Harness or safety belt should be physically in good condition without any cuts, cracks, wear and tear in it			
2	All D ring should be in good condition without rust , corrosion and bend.			
3	Full body harness is complete in all respect			
4	Shock absorber should be in good condition and intact without any temper			
5	No fissures , wear or twisted straps seams open			
6	Harness not spoiled, damaged by chemicals or paints			
7	No change in harness straps due to heat (e.g. welding heat)			
8	No deformation or corrosion in waist buckle			
9	No deformation or corrosion in both leg straps buckles			
10	Check all buckles by inserting and pulling			
11	All carabineers used in full body harness or safety belt should not be in damage condition, and it`s lock working properly			
12	Scaffold hooks should be in good condition. (No cracks, cuts, corrosion, enlarged, jammed). It should be easy to open and close.			
13	Lanyard should be free from wear and tear.			
14	All stitching in straps should be free from cuts, broken, burned, pulled or missing stitch pattern.			
15	Full body harness webbing should not have any cut, tear, Knots, abrasion, etc.			
16	Manufacturer identification well readable			
17	Harness has ISI mark or EN standard			
18	Harness shelf life not expired or within three years of manufacturing date			

5-TROLLEY LADDERS



NO.	Valuation Items	Yes	NO	Remarks
1	Ladder should be physically in good condition without ware and tare.			
2	Ladder should be free from corrosion, rot, splinters, protruding pieces, sharp edges, loose components, etc			
3	Loose steps or rungs (consider loose if they can be moved by hand)			
4	Feet of the ladder should work properly.			
5	Feet of the ladder should have slip resistant pads.			
6	Ladder rung locks and spreader braces should be in working condition			
7	Bolts, rivets, fasteners, anchors and supports, screws of Ladder should be tight and secured.			
8	Platform and steps of the ladder should be in good condition without any damage. It should be firm and secured.			
9	Ladder steps and rungs should be free from debris, dirt, oil, grease and other material			
10	Slivers on uprights, rungs or steps			
11	Damaged or worn nonslip bases			
12	Trolley wheels out of adjustment			
13	Does the ladder side rails extend at least 3 feet above the upper landing surface to which the ladder is used to gain access?			
14	Are portable ladders less than 20 feet long?			
15	Clamps to avoid ladder slip			
16	For extension ladder: locks and flippers of the locks should be in working and firm condition. Rope should be secured to the fly section and rope should move smoothly through pulley system.			

6-Drill



NO.	Valuation Items	Yes	NO	Remarks
1	Is the electric cable in a good condition?			
2	Is the body of the driller in a good condition?			
3	A flexible cord should be provided to keep cable free from damage			
4	Is the drill pit suitable for the task and in a good condition?			
5	Dead man switch should be in working condition			
6	Handle should be provided for better control.			
7	Always use designated key for removing and changing drill bit.			
8	Drill machine should be double insulated otherwise grounded			
9	Machine operated by competent person			

7-Drill Press Machine



NO.	Valuation Items	Yes	NO	Remarks
1	Drill Press Machine should be physically in good condition without any cuts, cracks, ware and tare in it.			
2	All moving parts like belt, spindle pully etc should be covered with guard.			
3	Feed handle should be working smoothly and free from defects.			
4	Drill chuck and drill beat should be free from defect and in firm condition.			
5	Table lock, base lock and column lock should be in firm condition without any defects or should not be loose.			

6	Base table should be clean and should not have any obstruction.			
7	Lock for spindle movement should be in working condition.			
8	On Off switch should be in working condition and easily accessible.			
9	Drill press machine should be grounded properly.			
10	All connection should be taken through industrial plug only.			
11	Drill press machine should be operated by trained and authorised personnel only. It should be operated as per manufacturer instruction within prescribed limit.			
12	Drill press machine should be placed defined area for easy movement of job parts and material movement.			
13	Manufacturer instruction with required things should be available on machine at proper place.			
14	Drill Press Machine regular maintenance should be done and recorded.			
15	All parts of the Machine should be free from rust, oiling and ware & tare. It should be tagged for safe to use after thorough inspection.			

8-Grinder



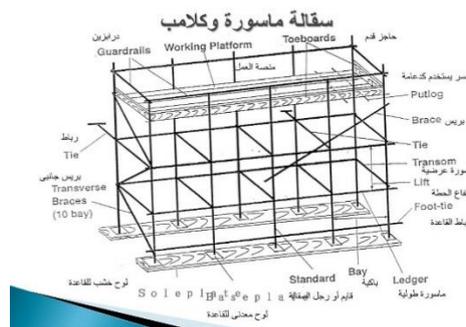
NO.	Valuation Items	Yes	NO	Remarks
1	Portable Grinder should be physically sound and in working condition			
2	Portable Grinder Cable should be damage free and always use industrial plug to take power connection.			
3	Capacity of Motor should be marked clearly or refer manual.			
4	Dead man switch should be in working condition.			
5	Flexible cord should be provided to prevent cable damage.			
6	Handle should be provided for better control.			
7	Wheel guard should be installed with grinder. Gap between guard and wheel should not be more than 3mm.			
8	Grinding/cutting wheel should be free from defect and rotating capacity should be marked.			
9	Machine should be double insulated or grounded by proper means.			
10	Must use designated key for removing and changing wheel.			
11	Competent and experienced person must operate machine.			
12	RPM of wheel should be more than RPM of motor.			
13	Use all required PPE while operating Portable Grinder.			

9 –Electrical Vibrator



NO.	Valuation Items	Yes	NO	Remarks
1	Physical condition of body should be good & sound			
2	Power cable should be free from damages and connection taken through industrial plug			
3	Junction box of motor should be free from defects			
4	On/off switch should be properly insulated			
5	Rotating part of machine should be covered by fixed guard			
6	Needle should be tightly connected with motor			
7	Needle should be free from damages.			
8	Machine should be grounded as per IS 3043:1987			
9	Electrical connection taken through industrial plug only.			
10	Color Code Inspection should be provided			

10-Scaffolding



NO.	Valuation Items	Yes	NO	Remarks
1	The work location for the scaffolding has been inspected for hazards such as overhead objects, falling or tripping hazards, uneven ground, etc			
2	Is scaffolding erected by certified scaffolder?			
3	Is the maximum load capacity of this scaffold known and communicated to all employees?			

4	Is the scaffold on base plates are mudsills level, sound and rigid?			
5	Is the scaffolding in plumb and level?			
6	Are scaffolds erected a safe distance away from trenches or excavations?			
7	Is the scaffold built on solid ground? If built on soft ground are soleboards used to properly distribute the load?			
8	Planks free of cracks, defects, warping			
9	Tubes are completely straight, free of bents, cuts, excessive rust			
10	Is there safe access to all scaffold platforms?			
11	Are all working platforms fully planked?			
12	Do planks extend at least 6 inches and no more than 12 inches over the supports?			
13	Are all planks, tubes and in good condition, free from visible defects?			
14	Does the scaffold has all required guardrails and toe boards?			
15	Are Sills properly placed and adequately sized?			
16	Scaffolding has all connecting devices between frames			
17	Scaffolding components can support at least four times the load that will be imposed on it, including workers, tools and materials.			
18	Scaffolding has uprights braced diagonally both in the horizontal and vertical planes.			
19	Scaffolding is fully planked with no more that a 1" gap between planks.			
20	Platform is at least 18 inches wide (12 inches on pump jacks).			
21	Personal fall arrest systems or guardrail system is used if work height is over than 3 meters.			
22	Scaffolding is 14" or less from face of work, if workers remove front guardrails (18" for plasterers)			
23	Work platform is free of clutter, mud, snow, oil, etc. or any slipping/tripping hazard.			
24	Scaffolding is set up at least 10' from overhead power lines.			
25	Ladders are secure and extend at least 90 cm (3') above the landing			
26	Ladder's first rung isn't more than 24" above the ground.			
27	Add-on ladders must have a rung length of at least 11 ½".			
28	Built in ladders that are part of the scaffold frames must have a rung length of at least 8".			
29	Leveling screws aren't overextended and lock nuts are tightened			

30	Base plates and screws are firmly supported on all legs (mudsills are used when required)			
31	Unstable objects such as blocks, bricks, buckets, etc. aren't used as work platforms or to support scaffolding			
32	Is kicker lift (at distance 150 mm from ground/base) provided for scaffold of height more than 6.0 meter?			
33	Are the planks/gratings placed in order without undue gaps and anchored?			
34	Has the scaffolding area suitably barricaded during erection / usage / dismantling?			
35	If two pipes are connected, are they overlapped at least 600 mm and at least two clamps used?			
36	Does the scaffold look straight in both vertical and horizontal direction?			
37	Is the scaffold provided with sole plate wherever required and base plates in all the vertical pipes?			
38	Does the scaffold have enough number of ties and are all the ties in place?			
39	Is the scaffold provided with adequate number of bracings in all the directions?			
40	Are the planks of the working platform tied properly to prevent its toppling?			
41	Are base plates and/or screw jacks in firm contact with sills and frames?			
42	Does planking have minimum 12" overlap extended beyond supports and cleated at ends?			
43	Minimum dimension of planks is 2" x 9"			
44	Posts (standards) plumb/vertical while, Runners (ledgers) and bearers (transoms) horizontal			
45	Vertical spacing of runners and bearers not exceeding 2m (6'-6")			
46	All joints in posts (standards) connected with a joint pin or sleeve coupler			
47	Span between posts (standards) in both directions not more than 2 m (6.5 feet)			
48	For a system scaffold, all joints in posts or standards connected using a spigot			
49	Visual check to verify clamps secured in place?			
50	Scaffold secured to structure to prevent movement?			
51	Brackets, tube and clamp, and accessories properly placed with wedges tightened?			
52	Are the soleboards secure?			
53	Are the baseplates secure?			
54	Are the soleboards of suitable material and in a serviceable condition?			
55	Are the baseplates serviceable and of suitable dimensions?			
56	Are the castor wheel locks in mobile scaffold in working order? They should be locked at all times, except during movement of the scaffold.			

57	Does the scaffold have the approval tag?			
58	Scaffolding is properly tagged.			

11-Suspended Scaffold



NO.	Valuation Items	Yes	NO	Remarks
1	Suspended Scaffold should be physically of sound material.			
2	It should not be damaged.			
3	Scaffold should not be altered any way.			
4	It should not be overloaded in any case.			
5	It is used for its intended purpose only.			
6	Means of communication should be available with workers at P platform.			
7	Suspended scaffold should be inspected and certified by a competent person.			
8	Suspended scaffold should not be unattended, in case it should be secured and disconnected by all means.			
9	It should be properly labelled and legible.			
10	All hardware should be in good and working condition.			
11	Locking devices are properly installed and in working condition. And are not worn or corroded.			
12	In case of welding additional safety measures should be available.			
13	All Electrical Connection should be fixed properly and connected in safe manner.			
14	Counter weight should be calculated properly as per requirement and match to load capacity of suspended scaffold.			
15	All joints are in good condition and rust free.			
16	Designed of platform should be proper and correctly assembled as per manufacturer`s instruction and design including all parts.			
17	Platform should be free from corrosion, rust, damage, worn, etc.			
18	Wire rope length should be appropriate according to job.			
19	The wire rope should be inspected and tested properly and properly reeved through sheaves.			
20	The stirrup sheaves, bearings, inlet wire guides are in good			

	condition without damage.			
21	When working near live wires safe distance should be maintained. Do not allow anyone without confirming with authority regarding hazards and working criteria.			
22	Consider weather condition before allowing working on suspended scaffold.			
23	All fittings are checked and tested under load.			
24	Strain reliefs are present and connected.			
25	Emergency stop and secondary brake should be in working condition.			
26	All workers must use fall arrest equipment all times. Each part of fall arrest equipment to be inspected and adjusted thoroughly including full body harness, rope grab, etc.			
27	Only trained authorized person allowed to work with suspended scaffold.			
28	Emergency rescue plan available and understood with review.			

12-Electrical panel



NO.	Valuation Items	Yes	NO	Remarks
1	Panels numbered			
2	Electrical panel has clear access. (No open hole & excavation) There is no storage material within three feet of the panel.			
3	The panel is clean in general and no traces of dust, or things are not of its contents			
4	Structure of panel is okay and no signs of thermal damage or broken in it.			
5	Make sure no rust or corrosion, in or around the panel.			
6	Top cover shield (canopy) is fixed on the panel to protect it from natural factors			
7	Panel should be kept on suitable stand			
8	Junction boxes shall be free from defects			
9	Switches and display should be properly covered			
10	Rubber mat should be provided to stand during operation			
11	Ensure that the panel has three indicator lamps (to show panel status it has electricity or not if drop one phase from 3 phase)			
12	Are all panel outlets (plugs) fixed and free from damage and have cover?			
13	Are all panel outlets (plugs) connected by 3 wires for 220v and 5 wires for 380v			
14	Is the panel has each outlet (plug) 380v_220v compatible to all circuit breaker sizes?			

15	Panel has internal door (mirror) fixed well			
16	Ensure that the cables entrance (which are in the bottom of panel) closed by glands or stopper for holes.			
17	Do a main breaker and the main breaker size compatible to the circuit breaker sized protect the panel?			
18	All circuit breakers are labeled with the area that they protect.			
19	All circuit breakers have GFCI			
20	All wires run through the walls of the panel are arranged and held in place into flexible ducting and not lying loose and also not live parts are exposed			
21	Proper Neutral Copper Bus Bar is provided.			
22	Proper grounding Copper Bus Bar is provided.			
23	Fire extinguisher provided near the panel and in a good condition			
24	Panel color code sticker update.			
25	No joints in supply cables			
26	Control switches in place and operating			
27	No uninsulated parts			
28	Emergency contact numbers and Warning High Voltage sign installed on the panel			
29	The door panel lock works well			

13-Diesel Generator



NO.	Valuation Items	Yes	NO	Remarks
1	Operate Generator for five minutes and check the voltage levels			
2	Generator is clean and in a good condition			
3	Fuel tank at least 50% full			
4	Diesel tank should be free from leakage			
5	No Leaks (look underneath generator)			
6	Radiator, no leaks			
7	Radiator coolant level			
8	Battery connections			
9	Battery water level			

10	Door of DG should be in good condition, so that rotatory part of machine could cover.			
11	Display panel should be in good condition.			
12	Power supply panel provided with ELCB/RCCB/MCB.			
13	Emergency stop button should be mushroom headed with red color			
14	Exhaust system is functioning normally			
15	Auto-start is working (Check on/off button, and Emergency stop push button)			
16	Gen. room is well ventilated and non-flammable			
17	Generator unit have a wire to an "Earth" ground (copper rod)			
18	Check exhaust manifold & stack emission, and consider the availability of heat shield and silencer			
19	Check heat, volt, amperage, gauges, ...etc.			
20	Guards around fan, fan belts and other moving parts			
21	Condition of cable insulation, and cable size is proper for operation			
22	Circuit breakers are in a good condition and fit for operation			
23	DG should be keep on aggregate/gravel stone			
24	Spill absorbent kit or drip tray available			
25	Spark arrestor should be installed as per requirement.			
26	Insulated rubber mat available			
27	DG operated by a competent person			
28	Availability of 6 Kg CO ₂ fire extinguisher, BCP fire extinguisher and sand bucket near the generator			
29	Are the warning signs and emergency contact numbers Available?			



14-Chain Block

NO.	Valuation Items	Yes	NO	Remarks
1	Calibration certificate			
2	No physical Damage			
3	Chain in good condition			
4	Lifting hook in good condition			
5	Chain ratchet in good condition			

6	Block hook in good condition			
7	No damage to hook latch			
8	Make sure that the data stamped on the Chain Block			
9	Rotating parts should be covered.			
10	Safe working load should be clearly marked and visible.			
11	Don't ever try to stretch above its capacity, there are chances of breakage of chain, which may lead to serious accident.			
12	Inspect chain pulley block before every use, especially need to check chain of the pulley for damage, enlargement of chain blocks, crack in chain blocks, reduced thickness of chain blocks, etc.			
13	Presence of Color code			

15-Winch Machine



NO.	Valuation Items	Yes	NO	Remarks
1	Winch Machine should be physically in good and working condition and certified by competent person.			
2	Remote control should be connected properly and Emergency switches should be in working condition without delay.			
3	It should be fixed properly with suitable hard support.			
4	Sling knot should be proper and without any defect.			
5	Wire sling should be free from damage and corrosion.			
6	Roll drum should have sufficient space to roll in full slings.			
7	Hook should be with safety latch only			
8	Rotating part should be covered with fixed guard.			
9	Power cable should be free from damages and connection taken through industrial plug.			
10	A competent person should operate panel only.			
11	It should be checked on regular basis as per schedule.			
12	Winch machine should be grounded properly.			

16-Shackles



NO.	Valuation Items	Yes	NO	Remarks
1	Calibration certificate			
2	No physical Damage			
3	Casing not damage or cracked			
4	Chain not kinked or damage			
5	Smooth action no binding when operated			
6	All bolts tight			
7	Check color code			
8	Make sure that the data stamped on the Shackle			

17-Plate Compactor



NO.	Valuation Items	Yes	NO	Remarks
1	Physical Condition of The Body Should Be Good & Not Damaged			
2	Rotating Part of The Machine Should Be Covered by Fixed Guard			
3	Fuel Tank Should Be in Good Condition & Free from Damage			
4	Handle Should Be in Fixed Position & Free from Defects			
5	Recoil Starter in Working Condition & Free from Defects			
6	Is there any leakage			
7	No damage to hook latch			
8	Color Code Inspection should be provided			

18-Fire Extinguisher



NO.	Valuation Items	Yes	NO	Remarks
1	Fire Extinguisher always kept on trolley			
2	Sand bucket should be covered to avoid mixing of foreign materials			
3	Fire Extinguisher should be free from defects or deterioration and regularly inspected			
4	Fire Extinguisher should be kept at waist level height for quick access (At height 1.5m for 6kg extinguisher and 1m for more than 6kg extinguisher)			
5	Hose and hose connection are in good connection			
6	Check pressure gauge at regular interval for any pressure drop			
7	Fire Extinguisher installed in visible location , easy to access and obstacle free location			
8	Inspection date should be clearly marked			
9	Fire extinguisher shall protected against outside weather conditions			

19-Bar Bending Machine



NO.	Valuation Items	Yes	NO	Remarks
1	Bar Bending Machine should be physically sound and in good condition			
2	Power cable should be free from damages.			
3	All switches should be free from damage and in working condition.			
4	Electrical connection taken through industrial plug only.			
5	Emergency Stop button should be checked and in working condition. It should be clearly marked and identifiable.			
6	Bar support should be fitted properly with machine.			
7	Pin should be tightened properly			
8	Machine should be grounded properly			
9	Paddle should be in good condition and working properly.			
10	Operator should be competent and authorized			

20-Excavator



NO.	Valuation Items	Yes	NO	Remarks
1	Safety Lever shouldn't have any deformation and when lever is pulled, all operation should be stopped			
2	Controller, clutch and brakes should work fine.			
3	Side Mirrors should be in good condition			

4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Bucket, cutter pins should be free from defects, e.g., damage-corrosion-bends, etc.			
7	Seat belt needs to be attached			
8	Warning devices such as alarms, lights and backward siren should be working			
9	Brakes, Clutch and controlling gear should be in working smoothly			
10	There shouldn't be any leakage, damage and abrasion on hydraulic motor, cylinder and pipes			
11	Fixing bolt of slewing device(Turn table) should have abnormalities like loosened part			
12	Track or wheels (tire) should not have any problems such as cracks, deformation or damage			
13	Teeth should be free from defects, e.g., damage-corrosion-bends, etc.			
14	Boom and arm should be free from defects, e.g., Corrosion-bends, etc.			
15	Cabinet 's glass & mirrors in good condition			
16	Use standard bucket, safety pin should be properly installed and linkage & safety pins in a good condition			
17	Track frame should be in good and working condition			
18	All screen curtains & view obstructions should be removed from operator's cabin.			
19	Indicators are in working condition			
20	Wipers should be in running condition			
21	Is there is oil or fuel leaks?			
22	Foot step should be free from slip or tip hazard			
23	Hydraulic cylinders and hoses are in good condition and free from leakage			
24	Check wiring and electrical fittings			
25	Engine and rotating part should be properly covered			
26	Front or rear towing coupling			
27	Red triangle/reflective tape should be fixed in front of vehicle			
28	Fire extinguisher in operator cabin			
29	First Aid Box available			

21-Loader



NO.	Valuation Items	Yes	NO	Remarks
1	Connecting part and bucket itself should not have any crack, deform and damage			
2	Wheel (tire) should not have any cracks or deformation and has good connection status			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Seat belt needs to be attached			
7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			
9	Controller, clutch and brakes should work fine			
10	Rear view mirror needs to be attached properly			
11	Check shock absorbers, spring, torsion, bars			
12	Outrigger in Backhoe Loader should be free from damage			
13	All screen curtains & view obstructions should be removed from operator's cabin.			
14	Indicators are in working condition			
15	Cabinet 's glass & mirrors in good condition			
16	Wipers should be in running condition			
17	Foot step should be free from slip or tip hazard			
18	Hydraulic cylinders and hoses are in good condition and free from leakage			
19	Check wiring and electrical fittings			
20	Front or rear towing coupling			
21	Is there is oil or fuel leaks?			
22	Red triangle/reflective tape should be fixed in front of vehicle			
23	Fire extinguisher in operator cabin			
24	First Aid Box available			

22-Grader



NO.	Valuation Items	Yes	NO	Remarks
1	Blade should not be arbitrarily manipulated and not have deformation and cracks			
2	There shouldn't be cracks, deformation and damage of wheels and running gear needs to be normal			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator should wear proper suitable personal protective equipment			
6	Seat belt needs to be attached			
7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			
9	All screen curtains & view obstructions should be removed from operator cabin			
10	Canopy above driver seat should be made by good & sound quality of materials			
11	Rear view mirror needs to be attached properly			
12	There shouldn't be problems like leakage, damage or worn-out on hydraulic motor, cylinder, pipe			
13	Foot step should be free from slip or tip hazard			
14	Fire extinguisher in operator cabin			
15	First Aid Box available			

23-Roller(Soil Compactor)



NO.	Valuation Items	Yes	NO	Remarks
1	Earth compactor should be physically in good condition.			
2	No damage in tire (Bolts, crack, cuts & air pressure, etc.)			
3	Side Mirrors should be in good condition			

4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Seat belt needs to be attached			
7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			
9	No damage in compacting roller.			
10	Power is cut when button is pressed. Button should be red and only manual rest type			
11	Dangerous and moving part should be covered with fix guard			
12	Rear view mirrors should be installed properly			
13	There shouldn't be problems like leakage, damage or worn-out on hydraulic motor, cylinder, pipe			
14	All screen curtains & view obstructions should be removed from operator cabin			
15	Foot step should be free from slip or tip hazard			
16	Fire extinguisher in operator cabin			
17	First Aid Box available			

24- Tractor



NO.	Valuation Items	Yes	NO	Remarks
1	Check the engine Oil Level			
2	Side Mirrors should be in good condition			
3	Windscreen should be in good condition			
4	Operator have valid and suitable license as per legal requirement			
5	Seat belt needs to be attached			
6	Warning devices such as alarms, lights and backward siren should be working			
7	Brakes, Clutch and controlling gear should be in working smoothly			
8	Check the brake fluid level or brake air pressure			
9	Check all leakage			
10	Check hydraulic hoses			
11	Check tires for inflation and wear			

12	Check the Wipers			
13	Check the rear load arms and screwing locomotive			
14	Check Gauges on the dashboard			
15	Check Tractor for damage			
16	Test Steering			
17	Check cleanliness of cabin			
18	Check glass for cleanliness and damage			
19	Foot step should be free from slip or tip hazard			
20	Fire extinguisher in operator cabin			
21	First Aid Box available			

25-Forklift \ Electric Pallet



NO.	Valuation Items	Yes	NO	Remarks
1	Confirm the availability of valid calibration certificates and driving license of the equip.			
2	Backup alarm			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Check tires for inflation and wear			
7	Seat belt needs to be attached			
8	Warning devices such as alarms, lights and backward siren should be working			
9	Brakes, Clutch and controlling gear should be in working smoothly			
10	No damage, bend, looseness or chain tension in forks or backrest			
11	Check soundness of the fork "no cracks / welds"			

12	Material handling system works properly and there are no oil leaks			
13	No damage nor dirt on mirror			
14	Gauges operates properly			
15	Steering wheel is not loose			
16	Inspect all fluid and confirm no oil leaks			
17	Inspect the general condition for damage and dents			
18	No loose hub nuts			
19	Foot step should be free from slip or tip hazard			
20	Fuel tank cover is sealed and intact			
21	For electrical Forklift: Batteries and electric connection are intact and in a good condition			
22	Fire extinguisher in operator cabin			
23	First Aid Box available			

26-Manlift\Scissor lift

Manlift



Scissor lift



NO.	Valuation Items	Yes	NO	Remarks
1	Confirm the availability of valid calibration certificates and driving license of the equip. operator			
2	Ensure that Horn , warning lights and back up alarm are working properly			
3	Inspect General condition of Man lift (no damage, main plate and control unit are clear and intact)			
4	Guardrail of the lift should be firm and tight without any defect			
5	Safety belt needs to be worn			
6	Warning devices such as alarms, lights and backward siren should be working			
7	Brakes, Clutch and controlling gear should be in working smoothly			
8	Scissor lift arms should be free from defects			
9	Ground station control should be working properly			

10	All emergency controls of the man lift should be in working condition			
11	Mechanical fasteners and locking pins should be checked properly			
12	Battery and chargers should be in working condition and charged adequately			
13	Platform rotator in man lift should be working properly			
14	Inspect all fluid and confirm no leakage			
15	All electrical system should be insulated properly			
16	Check manual lowering system			
17	Check tires for inflation and wear			
18	Confirm Safe working Load			
19	Charging / Fuel cover is sealed and intact			
20	Elevating section is in a good condition and secured with hand-rail, mid-rail, and entrance and exit door			
21	Swl should be marked at proper place and should be visible			
22	Notice Signs should be at proper place and visible			
23	Portable Fire extinguisher			
24	First Aid Box available			

27-Site car/Bus



NO.	Valuation Items	Yes	NO	Remarks
1	Physical condition of vehicle is good			
2	Door locks are in good condition			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Seat belt needs to be attached			

7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			
9	No damage in tire (Bolts, crack, air pressure, etc)			
10	Registration number should be written			
11	Availability of spare/stepney tire			
12	Indicators are in working condition			
13	Cabinet 's glass & mirrors in good condition			
14	Wipers should be in running condition			
15	Foot step should be free from slip or tip hazard			
16	Hydraulic cylinders and hoses are in good condition and free from leakage			
17	Is the battery secured by clamps and terminals covered?			
18	Check wiring and electrical fittings			
19	Check cooling liquid level			
20	Front or rear towing coupling			
21	Is there is oil or fuel leaks?			
22	Red triangle/reflective tape should be fixed in front of vehicle			
23	Portable Fire extinguisher			
24	First aid box should be available			

28- Ambulance car



NO.	Valuation Items	Yes	NO	Remarks
1	Physical condition of vehicle including brake and clutch			
2	Door locks are in good condition			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Seat belt needs to be attached			
7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			

9	No damage in tire (Bolts, crack, air pressure, etc.)			
10	Registration number should be written			
11	Availability of spare/stepney tire			
12	Indicators are in working condition			
13	Cabinet 's glass & mirrors in good condition			
14	Wipers should be in running condition			
15	Hydraulic cylinders and hoses are in good condition and free from leakage			
16	Is the battery secured by clamps and terminals covered?			
17	Check wiring and electrical fittings			
18	Front or rear towing coupling			
19	Is there is oil or fuel leaks?			
20	Emergency contact number displayed			
21	Availability and condition of stretcher			
22	Medical oxygen cylinder with pressure and availability of key to open the cylinder			
23	Availability and condition of fan for ventilation			
24	Functional condition of emergency light and audible siren are in working condition			
25	Portable Fire extinguisher			
26	First Aid Box available			

29-Dumper & Trailer & Water Tanker

Dumper



Trailer



Water Tanker



Dump Truck



NO.	Valuation Items	Yes	NO	Remarks
1	Physical condition of vehicle is good			
2	Operator cabin should be fully covered and made by sound quality of material.			
3	Door locks are in good condition			

4	Side Mirrors should be in good condition			
5	Windscreen should be in good condition			
6	Operator have valid and suitable license as per legal requirement			
7	Seat belt needs to be attached			
8	Warning devices such as alarms, lights and backward siren should be working			
9	Brakes, Clutch and controlling gear should be in working smoothly			
10	No damage in tire (Bolts, crack, air pressure, etc.)			
11	Registration number should be written			
12	Availability of spare/stepney tire			
13	Operator has valid and suitable license			
14	Indicators are in working condition			
15	Cabinet 's glass & mirrors in good condition			
16	Wipers should be in running condition			
17	Carrier should be in good condition			
18	Foot step should be free from slip or tip hazard			
19	Hydraulic cylinders and hoses are in good condition and free from leakage			
20	Check wiring and electrical fittings			
21	Front or rear towing coupling			
22	Is there any oil or fuel leaks?			
23	Red triangle/reflective tape should be fixed in front of vehicle			
24	Portable Fire extinguisher			
25	First aid box should be available			

30-Diesel tanker



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NO.	Valuation Items	Yes	NO	Remarks
1	Physical condition of vehicle is good			
2	Door locks are in good condition			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			

5	Operator have valid and suitable license as per legal requirement			
6	Seat belt needs to be attached			
7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			
9	No damage in tire (Bolts, crack, air pressure,etc)			
10	Registration number should be written			
11	Availability of spare/stepney tire			
12	Indicators are in working condition			
13	Cabinet 's glass & mirrors in good condition			
14	Wipers should be in running condition			
15	Foot step should be free from slip or tip hazard			
16	Hydraulic cylinders and hoses are in good condition and free from leakage			
17	Is the battery secured by clamps and terminals covered?			
18	Check wiring and electrical fittings			
19	Front or rear towing coupling			
20	Is there is oil or fuel leaks?			
21	Red triangle/reflective tape should be fixed in front of vehicle			
22	NFPA Code should be written and visible at proper place of the vehicle.			
23	HAZCHEM Code should be written and visible at proper place of the vehicle.			
	TREM Card and MSDS available.			
24	Spill observant kit/drip tray available			
	No bidi, cigarette, lighter , matchbox allowed in the tanker.			
	Static, Earthling/Grounding discharge points given in tanker.			
	Spark arrestor should be fitted.			
25	TERM Card and SDS available			
26	Emergency contact number available			
27	Fire extinguisher in operator cabin			
28	First Aid Box available			
	Proper warning signage as per requirement should be displayed.			

31-Transit mixer



NO.	Valuation Items	Yes	NO	Remarks
1	Transit mixer should be physically in good condition			
2	Door locks are in good condition			
3	No damage in tire (Bolts, crack, air pressure, etc.)			
4	Side Mirrors should be in good condition			
5	Windscreen should be in good condition			
6	Operator have valid and suitable license as per legal requirement			
7	Seat belt needs to be attached			
8	Warning devices such as alarms, lights and backward siren should be working			
9	Brakes, Clutch and controlling gear should be in working smoothly			
10	Registration number should be written			
11	Availability of spare/stepney tire			
12	Indicators are in working condition			
13	Cabinet 's glass & mirrors in good condition			
14	Wipers should be in running condition			
15	Foot step should be free from slip or tip hazard			
16	Hydraulic cylinders and hoses are in good condition and free from leakage			
17	Is the battery secured by clamps and terminals covered?			
18	Check wiring and electrical fittings			
19	Front or rear towing coupling			
20	Is there is oil or fuel leaks?			
21	Red triangle/reflective tape should be fixed in front of vehicle			
22	Rotatory part of secondary engine should be covered with fix guard			
23	Rotating part of gear box should be covered with suitable guard			
24	Inbuilt ladder should be proper with suitable guard			
25	Fire extinguisher in operator cabin			
26	First Aid Box available			

32-Concrete Mixer



NO.	Valuation Items	Yes	NO	Remarks
1	Mixer machine should be physically fit.			
2	Rotating part & IC engine should be covered with fix guard.			
3	No damage in tire (crack, cuts & air pressure, etc.).			
4	Rotating part of gear should be covered.			
5	Proper handle lock should be available.			
6	Handle should be free from defect			
7	Mixer machine should be with proper handle to control the movement			

33-Mobile crane



NO.	Valuation Items	Yes	NO	Remarks
1	A qualified person for crane inspection			
2	Is the driver has a valid operating & driving license?			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Is the equipment has a valid calibration certificate?			

7	Is the equipment has a load chart?			
8	Warning devices such as alarms, lights and backward siren should be working			
9	Brakes, Clutch and controlling gear should be in working smoothly			
10	Seat belt needs to be attached			
11	Are the equipment reels have no cracks, dents, or damage and in good condition			
12	No damage in tire (Bolts, crack, air pressure, etc.)			
13	Chassis condition			
14	Indicators (safe load indicator -boom length-angle indicator)are in working condition			
15	Cabinet 's glass & mirrors in good condition			
16	Wipers should be in running condition			
17	Boom condition while full extension free of structural damage including, nicks, corrosion, gouges, crack, jamming, welds, and bent or broken components			
18	Non-slip surface on steps			
19	Is the hook has a safety latch and in good condition			
20	Main hook(serial number, body, sheave, safety ratchet)			
21	Headache ball(serial number, body, sheaves)			
22	Is the anti-two block device (Hoist limit switch) working?			
23	Is the overload switch working properly?			
24	IS boom angle limit switch working well?			
25	Is the telescopic limit device working?			
26	Batteries and its links with good condition			
27	Are the main hydraulic hoses in good condition with no leaks			
28	All screen curtains & view obstructions should be removed from operator's cabin.			
29	Check wiring and electrical fittings			
30	Front or rear towing coupling			
31	Is there is oil or fuel leaks?			
32	Spirit level should be installed			
33	Load test or computer test			
34	Exhaust condition			
35	Driving toward and backward			
36	Outrigger with spreader mat should be in sound and working condition			
37	Are the out riggers with no leakage and have cribbing in good condition?			
38	Are the lifting wires inspected, certified and in good condition			
39	Wire rope is fixed in the load to control load turn			
40	Main boom tip sheaves			
41	Boom up / down main piston			
42	Sling drum should be in good condition			

43	Drum wire direction			
44	Drum Brake			
45	Are the crane wires reels around the drum smoothly?			
46	Spirit level should be installed and working properly.			
47	Safe Work Load (SWL) Marked and visible.			
48	Oil leakage should not be there in hydraulic part.			
49	Working safe load indicator			
50	Foot step should be free from slip or tip hazard			
51	Red triangle/reflective tape should be fixed in front of vehicle			
52	Fire extinguisher in operator cabin			
53	First Aid Box available			

34- Crawler Crane



NO.	Valuation Items	Yes	NO	Remarks
1	A qualified person for crane inspection			
2	Is the driver has a valid operating & driving license?			
3	Side Mirrors should be in good condition			
4	Windscreen should be in good condition			
5	Operator have valid and suitable license as per legal requirement			
6	Seat belt needs to be attached			
7	Warning devices such as alarms, lights and backward siren should be working			
8	Brakes, Clutch and controlling gear should be in working smoothly			
9	Is the equipment has a valid calibration certificate?			
10	Is the equipment has a load chart?			
11	Crawler crane should be physically in good condition, free from defects.			
12	Track should be free from damage/deformation and ground should be in clear ground.			
13	Indicators (safe load indicator -boom length-angle indicator)are in working condition			

14	Cabinet 's glass & mirrors in good condition			
15	Wipers should be in running condition			
16	Hook and sheave should be in working condition with hook latch without any abnormalities like detachment. Both should rotate smoothly			
17	Foot step should be free from slip or tip hazard			
18	Lattice boom in good condition			
19	Batteries and its links with good condition			
20	Luffing limit device to control inclination range of angle boom in working condition.			
21	Backlash device should be in working condition.(Reverse rotation device and brakes should be working properly.)			
22	Angle boom should be free from any defects like, crack, ware & tare, etc.			
23	Is the anti-two block device (Hoist limit switch) working?			
24	Is the overload switch working properly?			
25	IS boom angle limit switch working well?			
26	Anti to Block (A2B) should be in working condition			
27	All screen curtains & view obstructions should be removed from operator's cabin.			
28	Check wiring and electrical fittings			
29	Counterweight should be as per compliance and fixed stably without any manipulation			
30	Is there is oil or fuel leaks?			
31	Spirit level should be installed			
32	Load test or computer test			
33	Exhaust condition			
34	Driving toward and backward			
35	Working safe load indicator			
36	Are the lifting wires inspected, certified and in good condition			
37	Wire rope is fixed in the load to control load turn			
38	Boom condition while full extension free of structural damage including, nicks, corrosion, gouges, crack, jamming, welds, and bent or broken components			
39	Sling drum should be in good condition			
40	Drum wire direction			
41	Drum Brake			
42	Are the crane wires reels around the drum smoothly?			
43	Red triangle/reflective tape should be fixed in front of vehicle			
44	Fire extinguisher in operator cabin			
45	First Aid Box available			

35-Tower crane



NO.	Valuation Items	Yes	NO	Remarks
1	A qualified person for crane inspection			
2	Is the driver has a valid operating & driving license?			
3	Is the equipment has a valid calibration certificate?			
4	Windscreen should be in good condition			
5	Seat belt needs to be attached			
6	Warning devices such as alarms and lights should be working			
7	Brakes, Clutch and controlling gear should be in working smoothly			
8	Is the equipment has a load chart?			
9	Tower crane should be physically in good condition			
10	and free from from defects			
11	Foundation should be provided as per design			
12	Operator cabin should be in good condition, equipped with wind glasses and wireless communication			
13	Counter weight should be properly fixed			
14	Hydraulic cylinder, hoses should be in good condition and free from leakage			
15	Trolley condition should be good			
16	Operator crane cabin is provided with a locking mechanism to prevent unauthorized entry.			
17	Safe access and egress provided to the crane operator			
18	Sling should be free from defects			
19	Safety latch should be in hook			
20	Power cable should be free from damage and connection taken through industrial plug			
21	A qualified electrician inspect electrical components regularly and replace any damaged or faulty components immediately			
22	A component person carries out maintenance work on the tower crane.			
23	Hydraulic hoses for leaks			
24	Gear boxes for oil level/leaks			
25	A safety bar is fitted across the operator's cabin window where there is likelihood of the operator falling through it.			
26	The power is turn off when not in use			
27	Tower crane is away from overhead power lines			
28	Tower crane is grounded to prevent electrical shock			
29	Load radius indicator with warning alarm is installed			
30	Emergency stop button, which will terminate the operation of the crane engine, is installed in the operator cabinet and correctly identified.			
31	Safe load indicator should be in working condition			

32	Wind Anemometer is installed and in working condition			
33	Main power disconnect switch			
34	Over load limiter to prevent overloading of crane is functional			
35	Load moment limiter to prevent over-tunning moment is functional			
36	Gear limits should be in working state			
37	Hoisting limiter to prevent over-hoisting of the hook block is functional.			
38	Trolley travelling limiter to prevent over-travelling of trolley is functional			
39	Slewing limiter to restrict slewing of crane is functional.			
40	Anti-collision devices are tested to stop the tower crane's-operation such that the crane-to-crane interference must be maintained at not less than 3 meters.			
41	Hook sheaves/Swivel			
42	Hydraulic fluid level is sufficient			
43	Slewing Oil level is sufficient			
44	Boom sections are free from cracks or dents			
45	Main and auxiliary wire ropes are well lubricated and that there are no visible defects such as broken wires, kinks, excess wear, crushing...etc.			
46	Winches, pulleys and wire ropes are in good working condition			
47	Safety rails and chains			
48	Chord and lacing welds			
49	Are the lifting wires inspected, certified and in good condition			
50	Wire rope is fixed in the load to control load turn			
51	Fire extinguisher in operator cabin			

36-Gantry & Jib & Overhead crane



NO.	Valuation Items	Yes	NO	Remarks
1	Inspector qualification and certification.			
2	Operator qualification and certified available.			

3	Warning devices such as alarms and lights should be working			
4	Brakes, Clutch and controlling gear should be in working smoothly			
5	Hook latch must be installed in hook			
6	Operator manual is available in the cabin			
7	Deflection test should be carried out			
8	Railing should be in good condition and free from obstruction.			
9	Are the lifting wires inspected, certified and in good condition			
10	A seat for the operator			
11	Power operator starting device			
12	Windshield and windows condition			
13	Power cable should be free from defect			
14	Roll over protective structures			
15	Are all guarding and safety devices in place			
16	Wire sling drum should be under canopy			
17	Boom hoist kick out			
18	Interior clean and oil free			
19	SWL should be visible on either side			
20	Rotating part of motor should be covered			
21	Guardrail system should be provided			
22	Operator cabin should be in good condition and clean			
23	Proximity sensor should be in working condition			
24	Access ladder should be provided with cage			
25	Safe access and egress should be provided			
26	Remote should be in a good condition			
27	Fire extinguisher in operator cabin			
28	First Aid Box available			

37-Driller & Pile Driver



NO.	Valuation Items	Yes	NO	Remarks
1	Over winding proof device installed at the highest point and working well.			
2	Side Mirrors should be in good condition			
3	Windscreen should be in good condition			
4	Operator have valid and suitable license as per legal requirement			
5	Seat belt needs to be attached			
6	Warning devices such as alarms, lights and backward siren should be working			
7	Brakes, Clutch and controlling gear should be in working smoothly			
8	Wire rope condition is good without any damage or cut and the end treatment should be good.			
9	Leader and Hammer should be height, perpendicularity and weight must be within instruction range.			
10	Leader, Auger and Hammer should not have loosened bolts or deformation.			
11	There should not be any crack, damage and deformation on tracks with adequate amount of tension.			
12	Use steel plate when needed to prevent ground from subsiding.			
13	Connection statues of generator should be good (welding and bolts) without active part being exposed.			
14	Counter weight should not be arbitrarily manipulated and firmly fixed. The weight should comply with manufacturer instructions.			
15	Assembly part and active part of main structure such as turntable and back stay should not have any abnormalities.			
16	Install vertical life line to leader ladder			
17	Foot step should be free from slip or tip hazard			
18	Registration number should be written and clearly visible.			

19	Reflective tape should be at proper places			
20	Fire extinguisher in operator cabin			
21	First Aid Box available			

38-Concrete Pump Car



NO.	Valuation Items	Yes	NO	Remarks
1	Boom placer should be physically good			
2	No damage in tire (Bolts, crack, cuts & air pressure, etc.)			
3	Boom should be free from defects.			
4	Pipe should be free from defects e.g. bend, crack, etc.			
5	Brakes, Clutch and controlling gear should be in working smoothly			
6	Side Mirrors should be in good condition			
7	Windscreen should be in good condition			
8	Operator have valid and suitable license as per legal requirement			
9	Seat belt needs to be attached			
10	Warning devices such as alarms, lights and backward siren should be working			
11	Concrete hopper should be covered with mesh.			
12	Rear view mirror should be properly attached			
13	There should not be any crack, deformation and damage on wheels (tire)			
14	Keep horizontal balance for maximum expansion of outriggers and do not use more than two battens.			
15	There should not be problems like leakage, damage or worn-out on hydraulic motor, Cylinder and pipe.			
16	Rotatory part of secondary engine should be covered with fix guard			
17	Fixing bolt of Slewing device (Turntable) should have abnormalities like loosened part.			
18	Main structure, assemble part and active part should not have any deformations and defects.			

19	Setting equipment comply with high tension line, front work and work area.			
20	Side footboard should be installed well.			
21	Foot step should be free from slip or tip hazard			
22	Registration number should be written and clearly visible.			
23	Reflective tape should be at proper places			
24	Fire extinguisher in operator cabin			
25	First Aid Box available			

39-Canteen

NO.	Valuation Items	Yes	NO	Remarks
1	Are dried goods stored correctly e.g. in a suitable room, off the floor, in covered containers?			
2	Adequate good ventilation provided			
3	The areas is well arranged in a good condition			
4	Adequate ventilation shall be provided above cooking area			
5	Cooked food must be kept or covered in clean food grade			
6	Adequate light in all places			
7	Refrigerator are adequately cleaned			
8	Floor adequately cleaned			
9	Are food rooms and equipment in good condition and well maintained?			
10	Is equipment easy to clean and kept in a clean condition?			
11	Is food in fridges/freezers covered?			
12	Is there is any goods expired?			
13	Are the gas cylinders kept in upright position & secured?			
14	Electrical connections are safe and in a good condition			
15	Are fire extinguishers in place and inspected			
16	The Medical certificates for the canteen staff are available and valid			
17	Eating area is available, tidy and clean			

40-Warehouse

NO.	Valuation Items	Yes	NO	Remarks
1	All walkways and cross are clean from debris and obstruction			
2	Electrical cables, welding connections hanging to prevent tripping			
3	All used materials & tools stored in a good manner			
4	Is general waste being put into waste skip & skip in good condition			
5	All wooden waste free from nails			

6	Is water being sprayed on all site roads to minimize dust			
7	Do hazardous substances have warning signs			
8	Are flammable substances stored in a separate building to other materials			
9	Are material safety data sheets available for all hazardous substances			
10	Waste storage Area free of spills/leaks			
11	All containers of hazardous materials and hazardous wastes are closed with a tightly fitting lid and properly labelled			
12	Are Incompatibles segregated			
13	Are Emergency procedures in place , posted and properly communicated			
14	Are the empty and full cylinders identified and stored accordingly?			
15	Are Electrical Panels secured and accessible?			
16	Are Electrical cables isolated and secured either hanged or buried to prevent tripping?			
17	Are all shelves identified and labeled with its SWL?			
18	Are cylinders maintained with correct color-coding?			
19	Are the proper materials stacking practices followed?			
20	Are the firefighting equipment available and being inspected?			
21	Are the chemicals stored properly and MSDS in place?			
22	Are the gas cylinders kept in upright position & secured?			
23	Are the trainings provided to store operatives regarding, HSE requirements (SDS, Firefighting & Manual handling)?			

41-First Aid Kit

NO.	Valuation Items	Yes	NO	Purpose
1	Sterilized Dressings			to control bleeding from a major wound or to absorb any discharge from a minor wound.
2	Burn Dressings			To cure burns
3	Cotton Wool 10 gm			cleaning the skin, bathing wounds, or applying liquids and creams.
4	Cetrimide solution (1%) on a suitable antiseptic solution (200 ml)			treat wounds, cuts, and minor burns and protect against infection
5	Scissor			For cutting
6	Adhesive plaster			They protect wounds from further injuries, friction, bacteria, and dirt
7	Sterilized eye pads			prevent infection by stopping any foreign bodies from entering the wound
8	Polythene wash bottle			For washing eyes
9	Roller bandages			support injured limbs, limit swelling, maintain pressure on wounds and hold dressings in place.

10	Triangular bandages			used as large dressings, as slings to support a limb, or to secure a dressing in place
11	Safety pins Packet			securing bandages and slings
12	Kidney tray			for carrying dressing, bandages, small instruments, soiled dressing and other medical waste.
13	Snake-bite lancet			For cur snake bite
14	Potassium Permanganate crystals			used for a number of skin conditions
15	First Aid Leaflet issued by DGFASLI			contains basic advice on first aid for use in an emergency

Do not forget to mention these essential informations in each checklist of previous examples:

Name of Equipment:
Date of Inspection:
Name of Inspector:

Serial Number/
Code number/
Signature:

Safety officer

Equipment operator

..... : Name
..... : Signature

..... : Name
..... : Signature