

**SAFETY** 

Project Name:	Location:
Inspected by:	Date of Inspection:

Project Manager/Supervisor:	Job #:
rioject manager/Supervisor.	JOD #.

## JOB SITE AUDIT CHECKLIST

1. <u>Material Handling</u>	Yes	No	N/A
1.1 Are mechanical devices being used in place of manual handling of material?			
1.2 Are ropes, slings, chains, hook, cables, and chokers in good condition?			
1.3 Proper staging of materials to minimize lifting and carrying?			
1.4 Rigging equipment inspected regularly and in good condition?			
1.5 Is the handling of material limited to 50 lbs.?			
1.6 Is all rigging and being used correctly?			
1.7 Is OEM specialty rigging being utilized as necessary?			
1.8 If eyebolts are in use, are they installed correctly?			
1.9 Are eyebolts free from modifications made in the field?			
1.10 Are modified eyebolts labeled and stored separately from unaltered eyebolts?			

2. Housekeeping: Slips, Trips and Falls	Yes	No	N/A
2.1 Are walking and working surfaces clear and free of debris, cords, and hoses so as not		П	
to create a tripping hazard?			
2.2 Are waste and trash containers provided, and used?			
2.3 Are proper waste and recycling procedures being followed?			
2.4 Is there regular removal of waste and trash from the containers?			
2.5 Does each trade clean up and organize work areas as work progresses?			
2.6 Is adequate temporary lighting provided?			
2.7 Is temporary storage of materials and supplies done in an organized fashion?			
2.8 Are temporary stairs provided for working surfaces with an 8" transition or greater?			
2.9 Are handrails present on stairs if the change in elevation is greater than 30" or when		_	_
using more than 3 steps?			
2.10 Are ladders inspected before each use, stored properly, and properly secured?			

3. Fire Protection and Prevention	Yes	No	N/A
3.1 Are all flammable liquid containers clearly identified?			
3.2 Are all flammable liquid containers UL of FM listed?			
3.3 Have proper storage practices for flammables been observed?			
3.4 Are extinguishers readily accessible and serviced regularly?			
3.5 Are hydrants clear and accessible for fire department personnel?			
3.6 Have gas cylinders been chained upright with valve caps securely fastened during			
transport and storage?			
3.7 Has there been proper segregation between flammable gasses?			
3.8 Are full and empty cylinders labeled?			

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3.9 Are temporary heaters located at a safe distance from combustibles?		
3.10 Is ventilation adequate for temporary heaters?		
3.11 Are correct hot work procedures being followed?		
3.12 Are bolt heating procedures/safety requirements being followed?		
3.13 If required, are fire watches being utilized and in appropriate areas?		

4. <u>Electrical</u>	Yes	No	N/A
4.1 Are all switch gear, panels, and devices that are energized marked and/or guarded?			
4.2 Are lockout devices available/used on circuits that are being worked on?			
4.3 Are all temporary circuits properly guarded and grounded?			
4.4 Are extension cords in continuous lengths without splices?			
4.5 Are GFCI's and/or Assured Equipment Grounding Conductor Program being used?			
4.6 If temporary lighting is provided, are bulbs protected against accidental breakage?			
4.7 Are cords protected and free of pinch points?			
4.8 Are there a sufficient number of temporary outlets on the job site?			
4.9 Are outlets free from visual signs of overloading?			

5. Tools: Hand, Power, and Specialty	Yes	No	N/A
5.1 Are tools free of any obvious physical damage / frayed or damaged cords?			
5.2 Are tools and cords properly grounded (ground pins are in good condition?			
5.3 Are double insulated tools in use and in good condition?			
5.4 Are the handles on all tools in good condition (not bent, splintered or broken)?			
5.5 Are all hoses on air or hydraulic tools in good condition ( <i>manufacturer crimps on ends</i> )?			
5.6 Are all shields, guards, and handles in place on the tools and in good condition?			
5.7 Are air nozzles equipped with all safety features and being used properly?			
5.8 Are operators trained and authorized to use tools and equipment (i.e. Hytorc, band saws, bolt heaters, chain saws)?			
5.9 Are air fuses being utilized at the source on air lines greater than ½ inch?			

6. Welding and Cutting	Yes	No	N/A
6.1 Are enclosures, (screens/shields) provided and used when welding?			
6.2 Are protective eyewear, gloves, and clothing being used by welder?			
6.3 Are inspection for fire hazards 30 min after welding stops taking place?			
6.4 Are gas cylinder, hoses, regulators, torches, torch tips and carts, in good condition?			
6.5 Are welding and ground cables properly insulated, sized and located to avoid tripping hazards?			
6.6 Is natural or mechanical ventilation adequate?			
6.7 Are surrounding flammables and combustibles either removed or protected?			
6.8 Are hot work permits up to date and posted near the work area?			

7. Barricading	Yes	No	N/A
7.1 Are covered floor openings planked, secured, and labeled?			
7.2 Are guarded floor openings equipped with scaffold hand rails and labeled properly?			
7.3 Are proper procedures being followed for crane operations and overhead work?			
7.4 Are signs posted on caution and danger areas?			
7.5 Is a flag person provided to direct people / traffic when needed?			

7.6 Has the person been trained on how to direct traffic and the public?			
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8. Scaffolding	Yes	No	N/A
8.1 Are scaffold components free of any physical damage? (no bent supports or	_	_	
bracing)			
8.2 Is scaffold properly erected with all pins and braces in place and locked?			
8.3 Are rolling scaffolds equipped with locking wheels?			
8.4 Are wheels locked when scaffold is in use?			
8.5 Is scaffold erected on a firm and substantial surface?			
8.6 Has Scaffolding been inspected?			
8.7 Planking in good condition of a scaffold grade and properly installed?			
8.8 Are toe boards and guardrails in place on scaffolds over 10 feet?			
8.9 Are workers on scaffolding protected from falling objects if overhead hazards exist?			
8.10 If need, are ladders provided for access to the scaffold work platform?			
8.11 Are employees using the ladder for access only and not carrying materials and tools while on the ladder?			

9. <u>Personal Protective Equipment</u>		No	N/A
9.1 Is hearing protection available for personnel that may be exposed to noisy conditions?			
9.2 Is respiratory protection available to personnel and being used when required?			
9.3 Are safety harnesses, lifelines and shock absorbing lanyards available and being used?			
9.4 Are employees using the proper type of gloves for the task?			
9.5 Are safety glasses, face shields, and goggles being utilized as required?			
9.6 Is lifesaving equipment available for work over or near water?			
9.7 Are site specific PPE requirements being followed?			

10. <u>Medical</u>		No	N/A
10.1 Are first-aid kits available and properly stocked?			
10.2 Is the emergency action plan available and are all emergency phone numbers posted?			
10.3 Are employees aware of the site address and able to direct emergency response teams?			
10.4 Is at least one person trained in first aid and CPR?			

11. Hazard Communication		No	N/A
11.1 Is a list of MSDS for approved chemicals on site?			
11.2 Are temporary containers labeled using NFPA and HMIS systems?			
11.3 Have other contractors been informed of chemical use?			
11.4 Are chemicals being stored properly?			
11.5 Are consolidation practices being utilized?			
11.6 Do all containers being stored have lids or covers?			

12. Hoist, Cranes and Derricks	Yes	No	N/A
12.1 Are crane operators properly trained and certified?			

12.2 Do overhead cranes have roller sweeps and do gantry cranes have hand rails with		
gates for walkways?		
12.3 Are load capacities and charts posted in the cab?		
12.4 Are power lines at a safe distance?		
12.5 Do cranes have proper barricades around swing radius?		
12.6 Are crane inspection logs and load charts with crane?		
12.7 Are pre-operational inspections being documented?		
12.8 Has floor loading been considered?		
12.9 Are signal persons and riggers trained and authorized?		
12.10 Are spotters and safety watches being utilized?		
12.11 If equipped with outriggers, are they full extended with the proper cribbing?		

13. <u>Heavy Equipment</u>			N/A
13.1 Operators properly trained and authorized?			
13.2 Inspection and maintenance performed on a regular schedule?			
13.3 Do bi-directional machines have operational signal horns and or back-up alarms?			
13.4 Is roll over protection and seat belts provided and utilized?			
13.5 Is equipment clean and free of grease, oil, mud, fluids and other slipping hazards?			
13.6 Are moving parts protected by guards?			
13.7 Are engines shut off during refueling?			
13.8 Is glass clean, free of defects, and rated as safety glass or equivalent?			
13.9 Are lights, reflectors, wipers, defrosters, mirrors, tires, etc. in good condition?			
13.10 Are employees riding on heavy equipment without a proper seat?			
13.11 Pre-operational inspection performed at the beginning of each shift?			
13.12 Has floor loading been considered?			
13.13 If required, are employees wearing high visibility clothing when working near heavy equipment?			

14. <u>Aerial Lifts</u>		No	N/A
14.1 Are employees using aerial lifts trained and authorized?			
14.2 Are manufacture's operation and safety rules being obeyed?			
14.3 Has the lift been inspected and all controls tested prior to each days use?			
14.4 Is the lift positioned on solid, level ground?			
14.5 Boom and basket load limits within manufacture's specs?			
14.6 Is everyone in the lift basket wearing fall prevention or protection equipment?			
14.7 Are brakes set and outriggers positioned as required?			
14.8 Are pre-operational inspections performed at the beginning of each shift?			
14.9 Has floor loading been considered?			
14.10 Are spotters and safety watches being utilized when required?			

15. <u>Confined Space</u>		No	N/A
15.1 Are confined spaces identified with signs posted at the entrance?			
15.2 Has air quality test been performed before entry and as required?			
15.3 Is the confined space entry form properly filled out and posted at entrance?			
15.4 Is a confined space attendant posted at entrance with authorized entrant log?			
15.5 Have permit-required spaces been identified?			



16. <u>Administrative</u>		No	N/A
16.1 Are Pre-Task forms ( <i>tasking</i> ) being filled out and signed for each shift?			
16.2 Are meetings being held for beginning of shift, Critical lifts, and other safety matters?			
16.3 Are Safety Time Out cards (green cards) being utilized?			
16.4 Are tools and safety equipment requiring an NCR documented?			
16.5 Is there a sufficient amount of safety gear; (gloves, face shields, fall protection etc.)?			
16.6 Are federal and state signs posted?			
16.7 Is the emergency action plan posted with emergency contacts?			
16.8 Are all safety forms/documents readily available?			
16.9 Are all safety forms/records being filed properly?			
16.10 Are out of service tools and equipment properly labeled and stored in one place?			

17. <u>Health and Welfare</u>		No	N/A
17.1 Are sufficient restrooms available and regularly serviced?			
17.2 Are sufficient hand wash stations available?			
17.3 Is adequate drinking water available with disposable cups and waste containers?			
17.4 Are break/office areas routinely cleaned and orderly?			
17.5 If required, has sufficient downtime been calculated?			
17.6 Have environmental safety hazards been assessed (i.e. heat/cold, ventilation)?			

18. Lockout/Tagout		No	N/A
18.1 Are lockout/tag out procedures being followed for TurbinePROs equipment? i.e. Turning gear, bolt heaters, electrical boxes on connexes			
18.2 Are employees trained in lockout/tag out and following procedures?			

#### **Comments**: <u>Please include positive and negative notes.</u> Remember to take pictures.

Number	Description		Corrected(
			date/initial)
Supervis	Supervisor Signature: Date:		ate:

	Date:
Second person Signature:	Date:
Safety Manager Signature:	Date:



19. Data Sheets

## JOB SITE AUDIT CHECKLIST

# IT CHECKLIST QUALITY Yes No Mail I Image: Addition Clouid? Image: Addition Clouid?

19.1 Are Data Sheets Being Used?		
19.2 Are Data Sheets Being uploaded to Cloud?		
19.3 Are Data Sheets Available for all items?		

20. Inspection & Test Plans (ITPs)		No	N/A
20.1 Are ITP's available on site/in cloud?			
20.2 Are ITP's being filled out?			
20.3 Are ITP's being completed on time?			

21. Cloud Folders		No	N/A
21.1 Is there a process on site for Cloud Folder Uploads			
21.2 Are the Clouds being utilized and kept up to date?			
21.3 Are the Clouds being utilized by Customer?			

22. Personnel Files		No	N/A
22.1 Have the proper personnel files been uploaded/Emailed?			
22.2 Have the personnel files been kept in a secure location?			
22.3 Have the personnel files been destroyed at the end of the project?			

23. Equipment or Parts Storage		Yes	No	N/A
23.1	Proper staging of materials to minimize damage?			
23.2	Proper staging of materials to minimize loss?			
23.3	Proper FME of open cavities to minimize foreign material?			

Number	Description	Corrected(
		date/initial)

Supervisor Signature:	Date:
Second person Signature:	Date:
Quality Manager Signature:	Date: