

Audit findings are expressed in the following manner on the audit checklist:

- Non-conformity (major)
- Non-conformity (minor)
- Opportunity for improvement

Classification	Non-compliance with	Typical form	Reaction of the audited unit
Non-conformity (major)	Binding requirements that must be observed by the audited unit (laws, official regulations, other external requirements, customer requirements etc.)	<ul style="list-style-type: none"> ▪ Systematic and relevant systematic deviations ▪ Accumulation of minor non-conformities ▪ Relevant impact on occupational safety, health, environment, nearby areas or finances ▪ Relevant legal consequences are to be expected 	<ul style="list-style-type: none"> ▪ Immediate action ▪ Corrective action ▪ Cause analysis ▪ Deadline ▪ Responsible person ▪ Follow up
Non-conformity (minor)		<ul style="list-style-type: none"> ▪ Individual or minor cases and/or minor deviations ▪ Minor impact on occupational safety, health, environment, nearby areas or finances ▪ Minor legal consequences are to be expected 	<ul style="list-style-type: none"> ▪ Corrective action ▪ Cause analysis ▪ Deadline ▪ Responsible person ▪ Follow up
Opportunity for improvement	Best practices	<ul style="list-style-type: none"> ▪ The binding requirements are observed ▪ There are no immediately recognizable negative effects ▪ Possible improvement of processes, procedure, effectiveness, efficiency 	<ul style="list-style-type: none"> ▪ Evaluation and feedback on further action

CENTENNIAL MANAGEMENT SYSTEM AND COMMITMENT			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Management demonstrates a visible commitment to HSEQ <input type="checkbox"/> Management commitment to HSEQ is communicated to staff and included in project pre-planning <input type="checkbox"/> Safety Walks are completed quarterly with SSR/PGM and uploaded into Active <input type="checkbox"/> HSEQ responsibilities are clearly communicated to managers, superintendents and PSO <input type="checkbox"/> Annual business unit objectives have HSEQ integrated and are achieved <input type="checkbox"/> Achieved (to date) organizational goal of “no lost time incidents” (both employee and subcontractor) <input type="checkbox"/> Organizational KPI (LTIF, ASR, LTCR) objectives (to date) met by business unit <input type="checkbox"/> A PSO or PSM is responsible for HSEQ for the business unit <input type="checkbox"/> Adequate resources are provided for HSEQ			
Audit conclusion:			
Auditor Questions: Please describe your business unit's commitment to HSEQ? How have you incorporated HSEQ into your business unit objectives? What HSEQ resources are readily available to your staff? Give me some examples of what you personally do that confirms your personal commitment to HSEQ. As an SSR the overall functioning of this office is your responsibility. Where do you seek your most support for HSEQ?			

HSEQ STRATEGIC OBJECTIVES AND KPI			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Business unit HSEQ objectives align with corporate HSEQ <input type="checkbox"/> Staff is aware of business unit HSEQ objectives <input type="checkbox"/> Mechanism in place for staff to participate in HSEQ objectives and campaigns <input type="checkbox"/> Staff HSEQ position responsibilities are clearly communicated to all <input type="checkbox"/> Business unit staff is aware of the HSEQ page of the intranet and its basic contents <input type="checkbox"/> Business unit staff has been briefed on all quarterly updates to the HSEQ management system <input type="checkbox"/> Current versions of HSEQ forms and plans are used <input type="checkbox"/> Key Performance Indicators (LTIF, ASR, LTCR) met by business unit <input type="checkbox"/> Customer Satisfaction Survey results meet organizational benchmarks <input type="checkbox"/> Quality deficiencies are tracked including all re-work and warranty incidents			
Audit conclusion:			
Auditor Questions: List examples of how your staff participates in HSEQ objectives and campaigns? Describe the methods for the distribution and training for your staff on quarterly HSEQ updates? What are the superintendent HSEQ responsibilities? What are the PM HSEQ responsibilities? What are the SSR responsibilities regarding HSEQ? How do you communicate those responsibilities?			

HSEQ RISK ASSESSMENT AND OPERATIONS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> HSEQ plans, AHAs and jobsite binders complete on the project sites in accordance with HSEQM section 6</div><div><input type="checkbox"/> Process for AHA and plan review requirement clearly identified and executed</div><div><input type="checkbox"/> AHA created, used and updated for routine and non-routine operations</div><div><input type="checkbox"/> HSEQ forms and plans used in the field are current</div><div><input type="checkbox"/> Business unit risk is adequately captured in the office, transport and in the field (Centennial employee AHA)</div><div><input type="checkbox"/> Subcontractor AHAs have been developed, reviewed and modified as necessary</div><div><input type="checkbox"/> Subcontractors have been pre-qualified in accordance with HSEQM section 6</div><div><input type="checkbox"/> Subcontractor safety plans have been developed and approved for all high risk evolutions</div><div><input type="checkbox"/> A procedure is in place and used to correct HSEQ deficiencies to resolution</div><div><input type="checkbox"/> A procedure is in place to hold individuals accountable to ensure that all deficiencies have been resolved</div><div><input type="checkbox"/> Daily reports are completed for subcontractor work on site</div></div>			
<p>Audit conclusion:</p>			
<p>Auditor Questions:</p> <p>Describe the process in which hazards are corrected to resolution and how are those responsible for corrections held accountable?</p> <p>Describe how subcontractors are involved in the HSEQ process?</p> <p>From a HSEQ perspective, how do you evaluate a subcontractors performance?</p> <p>Describe how HSEQ expectations are communicated to lower tier contractors.</p> <p>What metric(s) do you utilize in order to guide a successful safety program?</p>			

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Incident and Near Miss Reporting and Investigation			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> All incident reports are maintained confidentially on the HSEQ page of the intranet <input type="checkbox"/> Personal privacy information is omitted from all incident reports <input type="checkbox"/> Incident reports are completed and reviewed by trained personnel <input type="checkbox"/> Lessons learned from incidents and near misses discussed with staff and documented <input type="checkbox"/> Incidents and near misses are reported and investigated in specified timeframe <input type="checkbox"/> All employee and subcontractor injuries are reported and tracked <input type="checkbox"/> OSHA 300A Summary is posted from February 1 to April 30 for the previous year <input type="checkbox"/> All employees are aware of the posted location of the 300A Summary <input type="checkbox"/> All employees are aware of the updated OSHA rule for reporting fatalities and severe injuries			
Audit conclusion: 			
Auditor Questions: Describe the process for which incidents are reported and tracked? Who is responsible for posting the OSHA 300A and where is it posted? How have employees been made aware of the updated OSHA reporting rule? What resources are available to thoroughly investigate incidents? How do we initiate accident preventions and ensure they are communicated to Centennial staff and sub-contractors? When drug testing is required how do you ensure confidentiality of the results?			

HSEQ REGULATORY INSPECTION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> The Regulatory Inspection Process Flow is present and maintained in the jobsite binder</div><div><input type="checkbox"/> All field personnel have been trained in the Centennial process for handling regulatory inspections</div><div><input type="checkbox"/> All business unit personnel are aware of the internal notification process for regulatory inspections</div><div><input type="checkbox"/> Documents are not released to regulatory inspectors without approval from appropriate personnel</div></div>			
<div>Audit conclusion:</div>			
<div>Auditor Questions:</div> <div>In the event of a regulatory inspection, what is the proper course of action?</div> <div>How have employees been made aware of resource tools to carry out a regulatory inspection?</div> <div>Where do you find the process and documentation to successfully manage a regulatory inspection?</div>			

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HOUSEKEEPING, SANITATION AND ENVIRONMENTAL CONTROLS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> Centennial project sites are kept clean and free from debris through daily routine maintenance and upkeep</div><div><input type="checkbox"/> All Centennial employees and subcontractors are engaged in maintaining their respective workplaces</div><div><input type="checkbox"/> Construction materials stored or located on elevated surfaces are secured at all times</div><div><input type="checkbox"/> Access and egress paths/routes of travel and walking working surfaces are kept clear of debris</div><div><input type="checkbox"/> Material and equipment is stored only in appropriate storage or lay-down locations</div><div><input type="checkbox"/> Cleanliness and sanitation conditions are inspected at least once per day on all project sites</div><div><input type="checkbox"/> Restroom facilities or portable toilets are available on every Centennial project site</div><div><input type="checkbox"/> Restroom facilities or portable toilets are cleaned/serviced at regular intervals</div><div><input type="checkbox"/> An adequate supply of potable water is provided on all Centennial project sites</div><div><input type="checkbox"/> Eating, drinking and food storage areas are identified and established at each project site</div><div><input type="checkbox"/> Centennial project sites are adequately illuminated according to the task being performed</div><div><input type="checkbox"/> Waste receptacles for trash, debris or rubbish have been established at each project site</div><div><input type="checkbox"/> All project site waste is properly labeled and disposed of according to Federal, State or Local specifications</div><div><input type="checkbox"/> Subcontractors have properly labeled and stored hazardous materials and chemicals</div><div><input type="checkbox"/> Adequate means of access/egress is established and maintained free of obstructions/impediments</div><div><input type="checkbox"/> Egress routes are clearly marked and are properly lit</div><div><input type="checkbox"/> Centennial employees are trained in heat/cold stress prevention/awareness</div></div>			
Audit conclusion:			

HAZARDOUS ENERGY CONTROL			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<ul style="list-style-type: none"><input type="checkbox"/> Only authorized/qualified subcontractor employees are allowed to perform LOTO on Centennial project sites<input type="checkbox"/> LOTO procedures and controls are documented and planned prior to performing work on site<input type="checkbox"/> Lock Out devices used are substantial enough to withstand inadvertent or accidental removal<input type="checkbox"/> Tag Out devices indicate the date installed and the identity of those applying the device(s)<input type="checkbox"/> Personnel who perform or are exposed to hazardous electrical energy are trained in the LOTO/ZVV procedures<input type="checkbox"/> Energized electrical work is approved by SSR, CSD/CSM, Customer/Facility, and Subcontractor Management<input type="checkbox"/> All energized electrical work is initiated through the use of an energized electrical work permit			
Audit conclusion:			

SCAFFOLDING AND WORK PLATFORMS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> All workers who access or work from the scaffold system have been appropriately trained</div><div><input type="checkbox"/> A competent person for scaffolding is located on site at all times when the scaffold is in use</div><div><input type="checkbox"/> Proof of competency is provided and maintained on the project site</div><div><input type="checkbox"/> Scaffold erectors and dismantlers have been trained in the design, loads and intended use of the scaffold</div><div><input type="checkbox"/> Scaffold erectors and dismantlers will use fall protection where feasible during erection/dismantling activities</div><div><input type="checkbox"/> Justification for not using fall protection during erection/dismantling is stated in scaffolding AHA</div><div><input type="checkbox"/> Manufacturers use and guidance instructions/manual are available on site at all times during scaffold use</div><div><input type="checkbox"/> Scaffold components have been inspected prior to erection/setup</div><div><input type="checkbox"/> Scaffold is inspected by a competent person before each work shift and any time conditions change</div><div><input type="checkbox"/> Scaffold inspections are indicated and recorded through a scaffold tagging system</div><div><input type="checkbox"/> Safe access/egress is provided on all scaffolding systems</div><div><input type="checkbox"/> Guardrails are provided on all open sides and ends of scaffold platforms that are 6 feet or greater in height</div><div><input type="checkbox"/> Personnel working or passing below the scaffold are protected by toe-boards, mesh screens, nets or platforms</div><div><input type="checkbox"/> Scaffold planking is pre-fabricated and/or bears a marking of scaffold grade lumber</div><div><input type="checkbox"/> Aerial lift operators have been trained to operate and work from aerial lifts</div><div><input type="checkbox"/> Aerial lift equipment is inspected at the beginning of each work shift</div><div><input type="checkbox"/> Aerial lift equipment safe working load/capacity is never exceeded</div><div><input type="checkbox"/> Employees utilizing aerial lift equipment use fall restraint while operating, working, or repositioning the lift</div></div>			
<div>Audit conclusion:</div>			

PROTECTIVE BARRIERS, WARNING SIGNS AND TAGS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Safety signs and barriers are placed to alert and inform individuals of hazardous areas/conditions <input type="checkbox"/> Safety signs and barriers are legible and clearly express hazards/message <input type="checkbox"/> Safety signs and barriers are removed when the hazard/condition no longer exists <input type="checkbox"/> Construction areas are barricaded and “construction zone” signage is placed around the perimeter of project <input type="checkbox"/> Centennial “job board” is posted in a conspicuous location <input type="checkbox"/> Caution tape and danger tape are used appropriately to warn of potential hazards or serious hazards <input type="checkbox"/> Traffic control signs and/or devices comply with Part VI of the MUTCD (current version) <input type="checkbox"/> Pedestrians who access, pass through or near the work area are adequately protected <input type="checkbox"/> Signs bear the appropriate color coding to indicate actual condition, hazard, or potential hazard present			
Audit conclusion:			
Auditor Questions: Describe the process for adequately posting / marking your Centennial project sites? How is the job-site safety posting / board erected and made available to all employees?			

STAIRWAYS AND LADDERS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> Ladders are inspected by the user prior to use</div><div><input type="checkbox"/> A qualified person has designed all ladders and stairways in use on site</div><div><input type="checkbox"/> Employees required to use ladders have been trained by a competent person</div><div><input type="checkbox"/> All elevation breaks of 19 inches or more are provided with access/egress</div><div><input type="checkbox"/> Temporary ladders are labeled and rated to ANSI class IAA, IA or I and load capacities are not exceeded</div><div><input type="checkbox"/> The top two steps of a step ladder are labeled “do not use”</div><div><input type="checkbox"/> Step ladders are used in the fully open position with spreader arms fully locked</div><div><input type="checkbox"/> Portable ladders are not moved, shifted or extended while occupied</div><div><input type="checkbox"/> Portable temporary extension ladders are secured at the top and bottom</div><div><input type="checkbox"/> Employees maintain 3 points of contact when ascending or descending ladders</div><div><input type="checkbox"/> Portable extension ladders extend 36 inches past the elevated work surface being accessed</div><div><input type="checkbox"/> Stairways are constructed appropriately</div><div><input type="checkbox"/> Stairways are kept clear of tripping hazards and debris</div><div><input type="checkbox"/> Handrails are installed on all stairways which contain four or more risers or which rise 30 inches or more</div><div><input type="checkbox"/> Stilts are maintained in good condition and are inspected at the beginning of each shift</div><div><input type="checkbox"/> Work areas where stilts are used are kept free of debris and accumulation of construction materials</div><div><input type="checkbox"/> Stilts are only used for light duty tasks</div><div><input type="checkbox"/> Fixed ladders comply with standards outlined in OSHA 29 CFR 1926 subpart X</div><div><input type="checkbox"/> Use, assembly and disassembly of job made ladders is conducted under the direction of an RPE</div></div>			
<div>Audit conclusion:</div>			

HAZARD COMMUNICATION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Subcontractors have provided a copy of their written HAZCOM program for review prior to initiating work <input type="checkbox"/> Subcontractors have provided an SDS for every hazardous chemical or material stored or used on site <input type="checkbox"/> Centennial superintendent has compiled a working list/inventory of subcontractor submitted SDS <input type="checkbox"/> All containers on site have been properly labeled and are in approved containers <input type="checkbox"/> Containers bear a label stating; product identifier, signal word, hazard statement, pictogram, caution statement <input type="checkbox"/> SDS for each hazardous chemical/product contain the appropriate sections 1-16 <input type="checkbox"/> All employees on site have been trained on the specific hazards associated with each hazardous material <input type="checkbox"/> Records of hazardous chemicals/products are stored/maintained on site in the project files			
Audit conclusion			
Auditor Questions: Describe how employees have been made aware of the newest OSHA hazcom standards? How are hazardous chemicals tracked on site? What is the process for archiving SDS and/or chemical inventory logs from the projects?			

EMERGENCY RESPONSE, EVACUATION AND FIRE PROTECTION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Notification and reporting of emergency situations is clearly defined at all Centennial project sites <input type="checkbox"/> Employees are trained in all emergency evacuation/shelter-in-place procedures <input type="checkbox"/> All evacuation decisions are coordinated through the local ROM/SSR and the CSD <input type="checkbox"/> Each Centennial facility has developed a localized emergency response, evacuation and shelter-in-place plan <input type="checkbox"/> The local ROM/SSR has assigned a Centennial employee as the facility manager to implement the ERP <input type="checkbox"/> Emergency response and evacuation procedures are developed and implemented at each Centennial project site <input type="checkbox"/> Centennial and subcontractor employees are trained in the local/site emergency response and evacuation plans <input type="checkbox"/> Each Centennial location and project site have established emergency rally points and accountability protocol <input type="checkbox"/> Hazard assessments are made for each Centennial location/project site regarding ignition and fire hazards <input type="checkbox"/> Portable fire extinguishers are placed appropriately and made available at every project site <input type="checkbox"/> Employees have been trained on the use, inspection and placement of portable fire extinguishers			
Audit conclusion:			
Auditor Questions: How have your staff implemented and been trained on the EAP for your office? Is the person(s) in charge of implementing / managing the EAP aware of their duties? Where is the rally point for your office location in the event of an evacuation emergency? Who is responsible for inspecting and maintaining fire extinguishers?			

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FALL PROTECTION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> A subcontractor competent person for fall protection is present during activities requiring fall protection</div><div><input type="checkbox"/> A fall protection work plan is completed and approved by the PSO/PSM and SSR for any work over 6 feet</div><div><input type="checkbox"/> Authorized users of fall protection systems/equipment have been trained</div><div><input type="checkbox"/> PFAS anchor points are capable of supporting 5,000 lbs or twice the maximum arresting force</div><div><input type="checkbox"/> All ramps, runways, and other walkways crossing or covering openings of four feet or more are protected</div><div><input type="checkbox"/> All hole covers are clearly marked “HOLE” in RED 12 inch lettering and are securely attached</div><div><input type="checkbox"/> Hole covers are inspected daily by the Centennial Superintendent and/or PSO</div><div><input type="checkbox"/> Warning line systems are properly erected/maintained and are only used on low slope applications</div><div><input type="checkbox"/> Employees and bystanders accessing areas below elevated work surfaces are protected from falling objects</div><div><input type="checkbox"/> PFAS are inspected by the users prior to each use</div><div><input type="checkbox"/> PFAS and components are inspected by a competent person as required by the manufacturer</div><div><input type="checkbox"/> Fall protection components found to be defective/damaged are removed from the project site</div><div><input type="checkbox"/> Fall protection equipment is properly stored and maintained</div><div><input type="checkbox"/> Employees using a PFAS are protected from swing fall hazards</div><div><input type="checkbox"/> Adequate calculated clearances are maintained for employees using PFAS</div><div><input type="checkbox"/> Emergency rescue procedures have been established and are to be performed by employees trained in rescue</div><div><input type="checkbox"/> Guardrail systems are erected and maintained to comply with OSHA 29 CFR 1926 subpart M</div></div>			
<div>Audit conclusion:</div>			

CONFINED SPACE ENTRY			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> Centennial Superintendent and/or PSO have evaluated the project site for potential confined spaces</div><div><input type="checkbox"/> A determination by a competent person has been made to determine if the CS is a NPRCS or a PRCS</div><div><input type="checkbox"/> A PRCS plan has been developed, approved and implemented prior to any entry in a PRCS</div><div><input type="checkbox"/> Prior to entry, employees and subcontractors have been trained in the specific duties and hazards associated with the work, responsibilities and their assignments and documentation of training is present on site</div><div><input type="checkbox"/> Entry attendant(s) remain in constant contact with authorized entrants</div><div><input type="checkbox"/> PRCS entry supervisors have implemented the use of a PRCS entry permit</div><div><input type="checkbox"/> PRCS signage has been posted in a conspicuous location near the PRCS entrance</div><div><input type="checkbox"/> Barricading to prevent unauthorized entry into a CS has been established</div><div><input type="checkbox"/> Ventilation has been implemented into the CS sufficient to control potential or existing hazards</div><div><input type="checkbox"/> Atmospheric monitoring has been conducted and recorded prior to entering any confined space</div><div><input type="checkbox"/> Emergency rescue (entry or non-entry) has been established and documented prior to entering a PRCS</div><div><input type="checkbox"/> Employees performing emergency entry rescue have submitted records of training specific to PRCS rescue</div></div>			
<div>Audit conclusion:</div>			

EXCAVATION AND TRENCHING			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> Utility locates have been performed prior to initiating excavation/trenching activities</div><div><input type="checkbox"/> A competent person has completed a soil analysis (both manual and visual test)</div><div><input type="checkbox"/> Employees and subcontractors have been trained prior to entry into any excavation</div><div><input type="checkbox"/> Excavation/trench inspections are conducted by the competent person daily/prior to the start of each shift</div><div><input type="checkbox"/> Physical barriers have been established around excavations to prevent public access/serve as a warning system</div><div><input type="checkbox"/> If required, walkways/bridges protected by guardrails have been provided to cross over excavations</div><div><input type="checkbox"/> Adequate access and egress has been provided in all excavations/trenches 4 feet or more in depth</div><div><input type="checkbox"/> A confined space determination has been made by a competent person for all excavations 4 feet or more</div><div><input type="checkbox"/> Atmospheric monitoring has been established/completed for employees working in excavations 4' or deeper</div><div><input type="checkbox"/> Engineering controls are implemented to eliminate hazardous atmospheres in the excavation if necessary</div><div><input type="checkbox"/> An Excavation and Trenching plan has been completed for all excavations greater than 5 feet in depth</div><div><input type="checkbox"/> Spoil piles are placed a minimum of 2 feet from the edge of excavation/trench</div><div><input type="checkbox"/> The competent person has evaluated the impact of excavation/trenching activities on adjacent structures and/ or adjoining buildings</div><div><input type="checkbox"/> All personnel are protected from cave in when entering an excavation of 5 feet or more in depth</div><div><input type="checkbox"/> Protective systems have been properly installed/maintained in excavations 5 feet or more in depth</div></div>			
<div>Audit conclusion:</div>			

MATERIAL HANDLING EQUIPMENT AND OPERATIONS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<div><div><input type="checkbox"/> Lift plans are used for all crane lifts and hydraulic hoisting activities</div><div><input type="checkbox"/> All lift plans and hydraulic hoisting plans approved by the PSO/PSM and SSR</div><div><input type="checkbox"/> All critical lift plans approved by the PSO/PSM, SSR and CSM</div><div><input type="checkbox"/> Crane lifts completed by a qualified operator (NCCCO, CIC, NCCER, OECF)</div><div><input type="checkbox"/> Qualified rigger used for all rigging activities (with documentation)</div><div><input type="checkbox"/> Qualified signalperson used when necessary (with documentation)</div><div><input type="checkbox"/> Assembly/disassembly director both qualified and competent for crane lifts</div><div><input type="checkbox"/> All cranes, hydraulic equipment and rigging/associated hoisting equipment inspected prior to use</div><div><input type="checkbox"/> Ground conditions and nearby obstructions are surveyed and acceptable prior to lifting</div><div><input type="checkbox"/> There is at least 20 feet of clearance from overhead power or acceptable measures have been implemented</div><div><input type="checkbox"/> Personnel are kept clear (never under load) of the affected areas during lifting and hoisting operations</div><div><input type="checkbox"/> Pinch points have been barricaded to prevent access</div><div><input type="checkbox"/> "Free rigging" not permitted or conducted on Centennial projects</div></div>			
Audit conclusion:			

STEEL ERECTION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Adequate access and laydown/shakeout areas are provided for materials (cranes, material deliveries etc.) <input type="checkbox"/> A competent person is on site during erection activities <input type="checkbox"/> All workers have been trained by a qualified person in the hazards associated with steel erection <input type="checkbox"/> A written steel erection plan has been submitted and approved by the PSO/PSM and SSR <input type="checkbox"/> Adequate temporary bracing (guying) is planned and provided during the erection process <input type="checkbox"/> A competent person has made a determination if “plumbing up” is required to stabilize the structure <input type="checkbox"/> Fall protection (at 6 feet) and falling object protection are accounted for during steel erection <input type="checkbox"/> Columns are stable and connected by a minimum of 4 anchor bolts <input type="checkbox"/> Columns have been evaluated by a competent person to determine if additional stability is required			
Audit conclusion:			

HEALTH HAZARDS IN CONSTRUCTION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
	<input type="checkbox"/> Projects are evaluated for potential health hazards (lead, asbestos, mold, silica, non-ionizing radiation etc.) <input type="checkbox"/> Health hazard plans have been reviewed and approved by appropriate personnel <input type="checkbox"/> Medical surveillance and recordkeeping of all exposures and exposure limits are maintained and available <input type="checkbox"/> Regulated areas are appropriately barricaded, posted and access/egress controlled <input type="checkbox"/> Personnel have been trained and training records are maintained and available <input type="checkbox"/> Engineering, administrative controls and PPE are utilized as required to prevent over exposure <input type="checkbox"/> Health hazards are adequately assessed to determine appropriate protective measures		
Audit conclusion:			

HUMAN FACTORS AND ERGONOMICS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Work areas, tools and human positioning have been evaluated for the potential to cause injury <input type="checkbox"/> Centennial employees and subcontractors have been trained in potential ergonomic hazards <input type="checkbox"/> Engineering, administrative controls and PPE are utilized as needed to prevent ergonomic injury			
Audit conclusion:			

MOTOR VEHICLE SAFETY			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Centennial employees wear seatbelts while operating vehicles (driver or passenger) <input type="checkbox"/> Centennial vehicles are inspected, maintained and serviced in regular intervals <input type="checkbox"/> Centennial vehicles are only used in safe operating conditions <input type="checkbox"/> Centennial vehicles shall only be operated by approved employees <input type="checkbox"/> All motor vehicle incidents are reported and documented on the Motor Vehicle Incident Report <input type="checkbox"/> Only hands free devices are used by the driver while operating a vehicle			
Audit conclusion:			
Auditor Questions:			
How are employees made aware of motor vehicle safety?			
If employees are involved in a MV accident what reports are generated?			

Machinery, Mechanized Equipment and Specialty Vehicles			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> All personnel who operate machinery or equipment are qualified <input type="checkbox"/> Machinery and equipment is inspected prior to use and documented <input type="checkbox"/> Machinery and equipment is maintained according to the manufacturer and not modified without approval <input type="checkbox"/> Reverse travel alarms are functional on all machinery and equipment as appropriate <input type="checkbox"/> Seatbelts (if provided by the manufacturer) are worn by operators on all equipment <input type="checkbox"/> All belts, gears, pulleys and sprockets or other moving parts are guarded <input type="checkbox"/> Machinery and equipment are not driven at inappropriate speeds <input type="checkbox"/> Passengers are not permitted unless approved by the manufacturer and a seat is provided <input type="checkbox"/> Personnel are not permitted to pass under loads <input type="checkbox"/> Machinery and equipment are not permitted to operate on hazardous slopes <input type="checkbox"/> Liquid fuel machinery and equipment is not used in non-ventilated or confined spaces <input type="checkbox"/> Pinch points have been barricaded to prevent access <input type="checkbox"/> Loads are only lifted or hoisted from manufacturer approved points			
Audit conclusion:			

ENVIRONMENTAL PROTECTION			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> All projects and activities have been evaluated for potential environmental impacts <input type="checkbox"/> Centennial employees are trained in the potential environmental impact of construction activities <input type="checkbox"/> Appropriate permits are obtained based on activities and local jurisdictions <input type="checkbox"/> Appropriate measures are taken to control water runoff and dust on project sites <input type="checkbox"/> Environmental management plans are created and submitted as determined by the contract			
Audit conclusion:			

QUALITY CONTROL			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Work is performed according to the contract specifications <input type="checkbox"/> Customer Satisfaction Survey results demonstrate a high level of quality <input type="checkbox"/> Re-work and non-conformance items are tracked and resolved appropriately <input type="checkbox"/> Submittals are reviewed to ensure conformity to contract specifications <input type="checkbox"/> Field inspections are conducted regularly to monitor ongoing performance <input type="checkbox"/> Construction deficiencies are tracked and corrective action is timely <input type="checkbox"/> All field employees are current in the Construction Quality Management for Contractors course			
Audit conclusion:			

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HAND AND POWER TOOLS			
Evaluation Criteria	Non-Conformity (major)	Non-Conformity (minor)	Opportunity for Improvement
<input type="checkbox"/> Non—powered and powered hand tools are used as intended by the manufacturer <input type="checkbox"/> Workers using tools have been trained <input type="checkbox"/> Tools have been inspected prior to use <input type="checkbox"/> Tools are maintained as required by the manufacturer <input type="checkbox"/> Appropriate PPE is used for tool use <input type="checkbox"/> All blades, belts, gears, pulleys and sprockets or other moving parts on tools are guarded <input type="checkbox"/> Liquid fueled tools are not used in enclosed or confined spaces without adequate ventilation <input type="checkbox"/> Powder actuated tools are only used by trained and licensed operators			
Audit conclusion:			
Auditor Questions: Which Centennial employee(s) are capable of inspecting and using hand/power tools on the project site?			