

Crane Operator

NORTH DAKOTA SAFETY COUNCIL, INC. - PROGRAM EVALUATION FORM

CONTRACTOR NAME: _____

DATE: 9/9/2019

Crane Operator

ITEM NO.	CITATION REFERENCE	DESCRIPTION	Y	N	GUIDANCE / INSTRUCTIONS
CRANE OPERATOR					
1	OSHA 1926.1427	Does the program address training requirements and refresher training?			Crane operators will be certified to have appropriate experience and training which must comply with one of the four options listed in 1926.1427. Refresher training is required every five years.
Comments / Location:					
2	API 2D, 3.1.2	Does the program address medical qualifications and follow-up evaluations?			The API 2D physical requirements are: vision of at least 20/30 Snellen in one eye and 20/50 in the other eye with or without glasses, and have depth perception; be able to distinguish between red, yellow, and green; hearing, with or without a hearing aid, adequate for the specific operation; and no history of a disabling medical condition which may be sufficient reason for disqualification. Follow-up evaluation every four years.
Comments / Location:					
TOWER, MOBILE, ROUGH TERRAIN & TRUCK CRANES (If Applicable)					
3	1910.180(b)(3)	Does program specify only designated personnel shall be allowed to operate this equipment?			Operator should be trained in safe work standards including use of fire extinguishers.
Comments / Location:					
4	1910.180(c)(2)	Does program state that a rating chart be provided in each crane cab?			A substantial and durable chart with clearly legible letters & figures shall be provided with each crane and securely fixed to the crane cab in a location easily visible to the operator while seated at this control station.
Comments / Location:					
5	1910.180(d)(6)	Does program specify which critical items are maintained on inspection records?			Employer shall make and keep monthly inspection records on critical items in use such as brakes, crane hooks, and ropes.
Comments / Location:					
6	1910.180(e)(2)	Does program specify keeping and maintaining written reports on rated load tests?			Employer shall keep and maintain written reports on rated load tests showing the test procedures and confirming the adequacy of any repairs or alterations.
Comments / Location:					
7	1910.180(g)(1)	Does program specify keeping and maintaining rope inspections?			Employers shall perform rope inspections at least once a month, certifying the date and signature of person performing inspection.
Comments / Location:					
8	1910.180(g)(2)	Does program specify procedures for inspection of ropes that have not been used during shutdown or storage?			All ropes must be thoroughly inspected before crane is used and certified and recorded by date of inspection, ID of the rope inspected & signature of the person performing inspection.
Comments / Location:					
9	1910.180(i)(5)	Does program specify availability of fire extinguishers?			A CO2 or dry chemical fire extinguisher shall be kept in the crane cab or vicinity of the crane.
Comments / Location:					

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10	1910.180(j)	Does program specify procedures for operations near electrical lines?		Using guidelines of 1910.333(c)(3) lines shall be de-energized or grounded or other protective measures shall be provided before work is started.
Comments / Location:				
11	API 2D, 4.1.2	Does the program address inspection categories?		Initial, pre-use, monthly, quarterly, annual. Supporting inspection logs will suffice for this requirement.
Comments / Location:				
12	API 2D, 4.2	Does the program address load test records?		Load test records will be furnished showing procedures outlined in Appendix E of the standard.
Comments / Location:				
13	API 2D, 5.1, 5.2	Does the program address wire rope and sling inspections, replacement and maintenance?		Program should address wire rope & sling inspections, testing and maintenance.
Comments / Location:				
OVERHEAD & GANTRY CRANES (If Applicable)				
14	1910.179(b)(8)	Does program address that only qualified personnel will be delegated to operate this equipment?		Operator should be trained in safe work standards including use of fire extinguishers.
Comments / Location:				
15	1910.179(j)(2)(iii)	Does program specify monthly inspection and certification of all hooks?		Employers must make monthly inspection & keep a record of all hooks with deformation or cracks. The certification records must include; 1)Date of inspection. 2)Signature of person performing inspection. 3) The serial number of other identifier of hook inspected.
Comments / Location:				
16	1910.179(j)(2)(iv)	Does program specify monthly inspections of hoist chains?		Employers must make monthly inspections & keep a record of hoist chains (including end connections) for (A) excessive wear, (B) twist, (C) distorted links interfering with proper function, and (D) stretch beyond manufacturer's recommendation. The certification records must include; (1) Date of inspection, (2) Signature of person performing inspection (3) Identifier of chain inspected.
Comments / Location:				
17	1910.179(l)(1)	Does program specify preventative maintenance be established?		A preventive maintenance program based upon the crane manufacturer's recommendations shall be established.
Comments / Location:				
18	1910.179(l)(2)	Does program address precautions that must be taken before repairs are started?		Placement of Warning or "Out of Order" signs on the crane.
Comments / Location:				
19	1910.179(m)(1)(2)	Does program address running ropes?		Employer shall keep & maintain certification record(s) which include the date(s) of inspection & the signature of person(s) who performed inspection. The same records must be kept on inspections of all other ropes.
Comments / Location:				

EVALUATED BY: _____
NDSC

REVISED 12/8/16

Auditor Comments:

Item 1 _____
 Item 2 _____

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- Item 3 _____
- Item 4 _____
- Item 5 _____
- Item 6 _____
- Item 7 _____
- Item 8 _____
- Item 9 _____
- Item 10 _____
- Item 11 _____
- Item 12 _____
- Item 13 _____
- Item 14 _____
- Item 15 _____
- Item 16 _____
- Item 17 _____
- Item 18 _____
- Item 19 _____

Audit Reference:

Disclaimer: The information contained in these forms, questionnaire and monitoring procedures is provided as written guidance to assist contractors in complying with the OSHA regulations and/or operator requirements. NDSC, the operators who participated in the development of this program and their employees disclaim all warranties both express and implied. The information presented here will give contractors a reference document, which should be used as guidance or as a "first step" towards getting your company into compliance. This monitoring program is based on sound safety and environmental concerns. We urge contractors to view their OSHA and DOT compliance efforts as a way to make their workplace safer for their employees.

Each contractor is still responsible for full compliance of all applicable State and Federal regulations.