

1. How often do running and standing wire ropes need to be inspected?						
	\bigcirc	During the assembly inspection	\bigcirc B	During the annual inspection		
	<u>C</u>	During the shift inspection.	(D)	During the monthly inspection		
2.	. How is the volume of a rectangular object calculated?					
	A	Multiply its length X Its width X Its height	B	Multiply its length X Its width		
	(C)	Multiply its radius X Its height or length	D	Multiply its specific weight its area		
3.	Whic	ch of these conditions will dramatically	affect	the values illustrated on load charts?		
	\bigcirc	Changing radius	\bigcirc B	Improper outrigger set up		
	<u>C</u>	Wind	D	All of these		
4.	4. When rotary spin lock to be applied?					
	\bigcirc	To travel the crane	\bigcirc B	Down the boom		
	<u>C</u>	Raised the boom	D	When wind speed is high		
5.	5. A choker hitch is rated at what capacity of a vertical hitch capacity?					
	\bigcirc	85%	\bigcirc B	80%		
	<u>C</u>	50%	\bigcirc	75%		
6.	6. What are jibs strengths normally based on:					
	\bigcirc	main boom length	\bigcirc B	structural strength		
	(C)	working radius	\bigcirc	tipping strength		

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7.



	What is the meaning of the hand signal shown?					
	\bigcirc	Rise the hoist	\bigcirc B	Dog everything		
	\bigcirc	Slew	D	Boom down		
8.	3. What grade alloy steel chain should be used for crane hoisting slings:					
	\bigcirc	70	\bigcirc B	80		
	<u>C</u>	50	D	60		
9.	. Which of the following is not a permitted use of an "operational aid"?					
	A	Indicates changing boom angle	B	Warns of approaching crane overload		
	<u>C</u>	Warn of approaching two-block condition	D	Used to test weigh a load prior to hoisting		
10.	. To allow the slewing action, manually disengage the					
	\bigcirc	Turntable lock pin	\bigcirc B	Turning pining		
	\bigcirc	Boom pivot pin	D	Guard pin		
11.	. All inspections reports must be made available to					
	\bigcirc	the superintendent.	\bigcirc B	all persons who inspect the crane.		
	\bigcirc	the master mechanic.	(D)	the assembly/disassembly director		
12.	. Deflections of the boom and pendant stretch will increase:					
	\bigcirc	load radius	\bigcirc B	Weight of boom		
	(c)	load weight	\bigcirc	crane stability		



994.	94. When screw pin shackle used on personnel platform (man basket) it must be?					
	A	Big	\bigcirc B	Painted		
	<u>C</u>	Small	D	Securely wired		
995.	A fre	quent inspection is:				
	A	monthly to annually	B	hourly to daily		
	(C)	daily to monthly	D	daily to weekly		
996.	1					
	What kind of hitch arrangement is shown?					
	A	Double basket hitch	\bigcirc B	Double wrap double basket		
	<u>C</u>	Single basket hitch	D	Single choker hitch		
997.	. The lever on the far left of most telescopic cranes is:					
	A	boom up	\bigcirc B	boom swing		
	<u>C</u>	boom extends	D	boom down		
998.	Boor	n length is measured from the:				
	A	boom hinge pins to the boom tip	B	base of the boom to the center of the boom tip sheave		
	<u>C</u>	base of the boom to the boom tip	D	boom hinge pins to the center of the boom tip sheave		
999.	. How many broken wires must be present in one strand of one lay for running wire rope to be removed from service:					
	A	4	\bigcirc B	3		
	(C)	2	\bigcirc	6		



1000.	D leave a crane with a load unattended				
	A	Ok	B	Yes	
	<u>C</u>	No	D	Never	
1001.	All co	ontrols shall be tested by the operator:			
	A	after any critical lift	\bigcirc B	every 1000 hours of running time	
	<u>C</u>	after erection only	D	at the start of a new shift	
1002.	002. How often must the communication between the signal person and operator be maintained during crane movements?				
	A	Only while swinging	B	Continuously	
	\bigcirc	Daily	D	Hourly	
1003.	003. If high winds are expected and the lattice boom crane must be secured pointing in the wind, then the hook should be:			crane must be secured pointing into	
	A	attached to the cranes heel section	B	secured to a solid structure directly below the boom point or manufacturers specifications	
	<u>C</u>	hoisted to within 5 feet of the boom point	D	laid on the ground and bloom at 50°	
1004.	What	t is the purpose for using tag lines?			
	A	To keep the load level.	B	To control load swing.	
	(C)	To assist holding the load level	D	To control load spin.	
1005.	05. How much should the cranes capacity be de-rated in tandem lifts?				
	A	25%	\bigcirc B	85%	
	\bigcirc	50%	D	75%	
1006.	06. Barricades are placed round a lift site to stop?				
	A	Competent person coming in	\bigcirc B	Supervisor coming in	
	(<u>c</u>)	Personnel from entering the area	\bigcirc	Manager coming in	