



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD-32
M&S CRANES DEPARTMENT

Protocol for Jib Cranes as per IS 14473 – Part1 :1997

Type of Crane		Make	
Asset No.		Department	
Capacity		Location	
Type of Hoist		Date last Tested	
Year of Manufacture		Date of Testing	

Particulars to be checked

S.No.	Description	Method	OK/Not OK	Remarks
1	Cantilever Condition	Visual		
2	Wire Rope /Chain			
	Wire Rope	Reduction should not be >10% of dia		
	Chain	Visual		
3	Limit Switches			
	Up / Down	Operation		
4	Breaks	Operation		
5	Hook	Visual		
6	Hook Pulley	Visual		
7	Hoist	Operation		
8	End buffer / Stopper	Visual		
9	Lubrication	Visual		
10	Load Test (after shifting or new erection - if required) at SWL	Operation		
11	Crane Operation (Pendent,RRC,MC)	Operation		
12	Observation if any:			

Note:

- 1) Inspection Report to be submitted after inspection of Lifting machines.
- 2) Certificate to be submitted by a competent person as certified by Chief Inspector of Factories (signed and stamped) in Form-38 format as per rule-55 and 55A of AP Factories rules, after rectification of problems if any.

(Representative of BHEL)

(Rep. of Inspecting Agency)