



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

Protocol for Electrically Operated Travelling Cranes as per IS 14473 - 1997

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

Particulars to be checked

S.No.	Description	Method	OK/Not OK	Remarks
1	Wheel Condition	Visual		
2	Rail Condition	Visual		
3	Bridge /Gantry Condition	Visual		
4	Hook condition	Visual		
5	Hook Safety Clamp	Visual		
6	Hook Pulleys Condition	Visual		
7	Wire rope Condition	Visual		
8	Wire rope Lubrication	Visual		
9	Current Collector Alignment	Visual		
10	Brakes			
	LT	Operation		
	CT	Operation		
	MH and AH	Operation		
11	Limit Switches			
	LT	Operation		
	CT	Operation		
	MH and AH - Up and Down	Operation		
12	Load Test (after shifting, new erection - if required) at SWL	Operation		
13	Crane Operation (Pendent,RRC,MC)	Operation		
14	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)