

## INSTALLATION EVALUATION REPORT

DATE:	6/02/2018		
TIME:	NAME OF THE INSTALLATION ENGINEER : Damsodas . G Patel		
CUSTOMER NAME	Ashok Leyland Ltd Unit-II Hosur		
PURCHASE ORDRE NO	4340003757	PO DATE:	09/11/17
PROJECT CODE	A11K040-1718		

Arrival at Site	<input checked="" type="checkbox"/> On-Time	<input type="checkbox"/> Late	<input type="checkbox"/> Always Late
Competency Level	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Follow Safety Rules	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Workmanship	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Execution Ability	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Verbal Communication	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Overall Experience	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied

Any comments, questions or suggestions?

Name of Evaluator	: Yogesh . B.
Contact Number	: 8220003758
E-Mail ID	:

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SIGNATURE OF THE CUSTOMER

*(Signature)*  
Yogesh

SIGNATURE OF INSTALLATION ENGINEER

*(Signature)*  
Damsodas . Patel



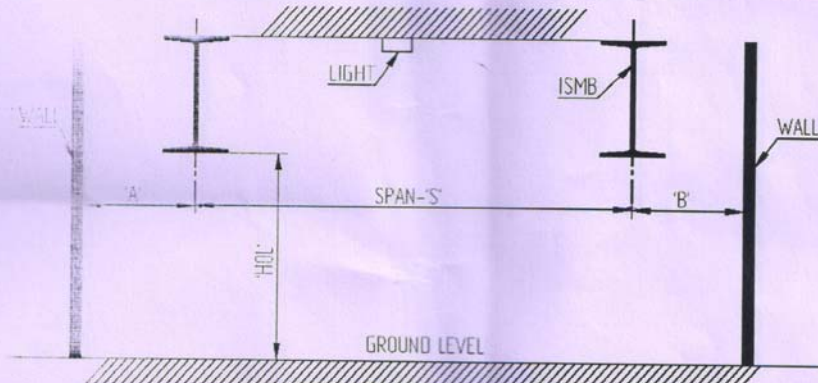
## INSPECTION REPORT FOR UNDER SLUNG CRANE STRUCTURE

CUSTOMER NAME: Ashok Leyland Ltd.  
TYPE OF CRANE: 3. Under slung crane  
LOCATION: Chassis line-2.  
PROJECT CODE: ALK040-178  
TYPE OF CRANE: SGUS crane DATE: 11/02/18

NOTE: ALL DIMENSION IN MM, TOLERANCE WITH IN  $\pm 3$  mm.

### CHECK POINTS FOR CROSS TRAVELL

LOCATION / POSITION	A		B		SPAN-S		HOL	
	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL
			500	500	3000	3001	8000	8000
					3000	3000		
					3000	3000		
					3000	3005		
					3000	3005		
					3000	3000		
					3000	3001		



### CHECK POINTS FOR LONG TRAVELL

LOCATION / POSITION	FOR LEFT GANTRY (L)		FOR RIGHT GANTRY (R)	
	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL
		Flange 8mm		Flange 8mm

Type of I-Beam: I-Beam flange 8mm I-Beam flange width :  
REMARKS:

SIGNATURE OF THE CUSTOMER

*(Signature)*  
Gopu

SIGNATURE OF SEPL PERSON

*(Signature)*

SEPL / I&C / SGUS R1



## INSPECTION REPORT FOR UNDER SLUNG CRANE STRUCTURE

CUSTOMER NAME: Ashok Legend - Unit D - Jawar

TYPE OF CRANE: SGUS Crane

LOCATION: \_\_\_\_\_

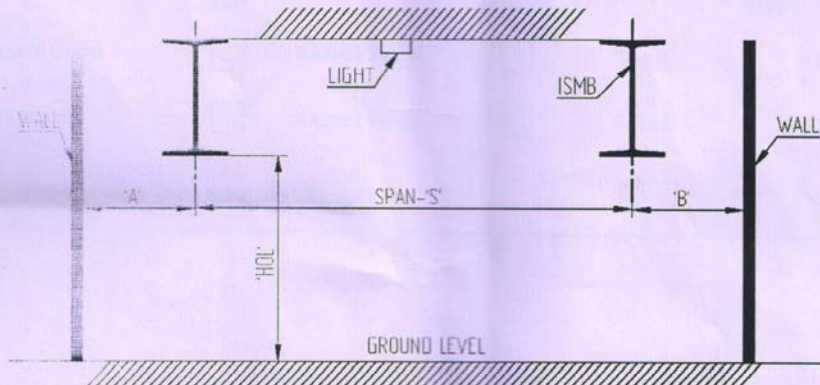
PROJECT CODE: AK040-1718

SERIAL NO. OF CRANE: SGUS Crane DATE: 11/02/18

NOTE: ALL DIMENSION IN MM; TOLERANCE WITH IN  $\pm 3$  mm.

### CHECK POINTS FOR CROSS TRAVELL

LOCATION / POSITION	A		B		SPAN-S		HOL	
	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL
	500	500			3000	3001	800	800
					3000	3000		
					3000	3000		
					3000	3000		
					3000	3003		
					3010	3003		
					3000	3000		



### CHECK POINTS FOR LONG TRAVELL

LOCATION / POSITION	FOR LEFT GANTRY (L)		FOR RIGHT GANTRY (R)	
	AS PER DAP	ACTUAL	AS PER DAP	ACTUAL

Type of I-Beam: \_\_\_\_\_ I-Beam flange width: \_\_\_\_\_

REMARKS: I-beam flange 80mm

SIGNATURE OF THE CUSTOMER

*(Signature)*  
Gogem

SIGNATURE OF SEPL PERSON

*(Signature)*

SEPL/ I&C /SGUS R1



### INSTALLATION EVALUATION REPORT

DATE: 06/02/18	NAME OF THE INSTALLATION ENGINEER : Damodar. G. Patel	
TIME:		
CUSTOMER NAME	Yogesh B.S. (Ashok Lyland - unit - II) Mosur	
PURCHASE ORDER NO	4340003893	PO DATE: 12/8/2017
PROJECT CODE	A10K044 - 1718	

Arrival at Site	<input checked="" type="checkbox"/> On-Time	<input type="checkbox"/> Late	<input type="checkbox"/> Always Late
Competency Level	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Follow Safety Rules	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Workmanship	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Execution Ability	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Verbal Communication	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Overall Experience	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied

Any comments, questions or suggestions?

Name of Evaluator	:	Yogesh B.S.
Contact Number	:	8220003893
E-Mail ID	:	yogeshbs@ashoklyland.com

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SIGNATURE OF THE CUSTOMER

*(Signature)*

SIGNATURE OF INSTALLATION ENGINEER

*(Signature)*  
(Damodar. Patel)



## INSTALLATION EVALUATION REPORT

DATE: 24/01/2018	NAME OF THE INSTALLATION ENGINEER : Damodar. G. Patel.	
CUSTOMER NAME	Ashok Leyland Limited - HOSUR-1	
PURCHASE ORDRE NO	4340003957	PO DATE: 22/12/17
PROJECT CODE	A10J032-1718	

Arrival at Site	<input checked="" type="checkbox"/> On-Time	<input type="checkbox"/> Late	<input type="checkbox"/> Always Late
Competency Level	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Follow Safety Rules	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Workmanship	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Execution Ability	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Verbal Communication	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied
Overall Experience	<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> Good	<input type="checkbox"/> Dissatisfied

Any comments, questions or suggestions?

Name of Evaluator	: B. Jagadeesh
Contact Number	: 9600999016
E-Mail ID	: jagadeesh.ah2@ashokleyland.com

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SIGNATURE OF THE CUSTOMER

B. Jagadeesh

SIGNATURE OF INSTALLATION ENGINEER

Damodar. G. Patel

- ) SG VS Crane installed. - 2 Nos (500kg)
- ) Internally load test done
- ) DG VS Crane installed - 1 Nos (3.2 Ton)
- ) Internally load test done.
- ) Wheel dia to be change in old existing crane, from 80mm to 100mm
- ) After structure sticking, this partly load test will be done.
- ) Structure extend is pending, After completion bus bar need to installed

D. Patel

Resident. G. Patel

(Sparkline Pune)

P. Anubhavan

(AL-Mosur-2)



**TAMIL NADU FACTORIES ACT & RULES**  
**INSPECTION / SERVICE REPORT**

NE-411018.  
475707

Name of the Company:	M/S Sparkline.		
Location:	Ashok Luytan II		
Contact Person's Name:	Mr. Domodraipalai.		
Designation:	—		
Mobile Number:	74 10001210.		
Inspection Date:	24/01/18	Time In:	Time out:

We have conducted Inspection on the following items today and the reports will follow at the earliest:

Sl. No.	Description of items Inspected	Quantity (Nos.)	Remarks
1	250 kg Ele. chain		
2	Hoist load fix	02	OK
3			
4			
5			
6			
7			
8			
9			
10			
Total Number of persons involved in Inspection			
Signature Dass & Thomas Date:		Signature of the person Co-ordinated Name: Mobile No.:	
Remarks:			

**STRUCTURE**

Motor Shalund

117

HOL	
AS PER DAP	ACTUAL
5mtr	

WALL

**RIGHT GANTRY (R)**

ACTUAL  
125 mm

Type of I-Beam:

REMARKS:

125mm

I-Beam flange width :

SIGNATURE OF THE CUSTOMER

*Kishu*  
TTL

SIGNATURE OF SEPL PERSON

*[Signature]*

SEPL/ I&C /SGUS R1



M/S Ashok Leyland - Hosur - 2 & M/S Sparkline GP<sup>2</sup>  
Pvt Ltd - Pune

\*) Internally load test done. with full load only  
for change falls (LT & CT) movement to be done  
after Roof & struts.

\*) LT & CT Moment checked in slow & fast with  
~~full~~ load. with 2.5 T load.

\*) Up/Down checked with full load. (Only Chain)

\*) All limit switches checked. (Only ET front  
strut)

\*) load test & trails OK. ✓

\*) Ashi Testy End Carriage alignment  
also checked and found OK.

\*) C.T. 4 wheels are not at all moving in one  
side have 5mm gaps between wheel &  
beam.

D. G. G.

P. M. M. M.

Beam - R.P.

(Damodar Patel)

(Sparkline Pune)

(Ashok Leyland - Hosur - 2)

Important

\*) LT one side wheels not touching I-Beam.  
I-Beam need to corrected. struts Problem.



## MINUTES OF MEETING / SERVICE REPORT

Customer:	ASHOK LEYLAND LTD.
Site:	ASHOK LEYLAND
Pincode:	HOSUR
Period of Work:	6/1/2018 - 8/1/2018 .
Start & Time of MOM:	8/1/2018 .

### MEMBERS/ENGINEERS PRESENT

1	MR. DAMODAR- SPARKLINE	3	MR. ANANTHAKRISHNAN - ALL
2	MR. PRASHANT PATIL- SPARKLINE	4	K.Prasath - ALL

### DETAILS OF WORK

*During the visit, following activities were done.*

S/ N	Description of Work Done	Remarks
1	CARRIER-1:- INTERLOCK LOGIC DEVELOPMENT & MODIFICATION	
	a) Carrier Panel-1 Hoists A & B LSW Interlock Has Been Developed.	
	b) Auto Cycle Interlock is Modified & Tested with Given Time.	
	c) Loading Station & Unloading Station is tested in Auto Cycle.	
	d) Systems Stops After Hoist Alarms Comes at LS & ULS.	
2	CARRIER-2:- INTERLOCK DEVELOPMENT & MODIFICATION	
	a) Carrier Panel-2 Hoists A & B LSW Interlock Has Been Developed.	
	b) Auto Cycle Interlock is Modified & Tested with Given Time.	
	c) Loading Station & Unloading Station is tested in Auto Cycle.	
	d) Systems Stops After Hoist Alarms Comes at LS & ULS.	
3	HMI PROGRAM: Carrier-1 & 2 Hoists Alarms Generated in HMI and Tested.	
4	Safety bracket fixed in 4nos hoist to avoid chain coming out off chain collector box.	
5	One set of current collector handover to Ashok Leyland maintenance team.	
6	In unloading station if "UP" is pressed instead of down carrier continues the cycle back to loading station. - Rectified	

### SIGNATURES

COMPANY NAME - ASHOK LEYLAND	COMPANY NAME - SPARKLINE
<i>signature</i>	<i>signature</i>
(NAME OF THE PERSON/ENGINEER)	(NAME OF THE PERSON/ENGINEER)

*P. Y. Shrivastava*  
*Prashant Patil.*  
*(Control & Automation, Pune)*



## EMPLOYEE HOURS AND ACTIVITIES SHEET

Employee Signature: VALMIK PARDESHI

Week Ending: 14-Jan

Site Incharge: Damodar G. Patel

Date	Time In	Time Out	Hours	Activities
Wednesday 10-Jan	11:00 AM	6:00 PM	7.00	When reached on site knew about Carrier 2 hoist problem. Met to Mr. Prasath and discussed regarding issue. After discussion could not check carrier 2 because production is going on. So observing the operation of carrier 1.
Thursday 11-Jan	9:00 AM	6:00 PM	9.00	When reached on site checked the alarm in hmi, observing carrier 1 LS and ULS operation. During lunch power on carrier 2 and observed that while auto mode selected hoist A is going up continuously without up command and in manual mode after pressing control on hoist A slow MPCB Q22 tripping. We could not checked carrier 2 then we power off because technician is not available on site.
Friday 12-Jan	9:00 AM	6:00 PM	9.00	When reached on site checked the alarm in hmi, observing carrier 1 LS and ULS operation. Could not checked carrier 2 program or wiring because Damodar and Kiran went to UNIT 2.
Saturday 13-Jan	9:00 AM	6:00 PM	9.00	When reached on site checked the alarm in hmi, observing carrier 1 LS and ULS operation. Started checking of carrier 2 wiring and program. Found that Hoist A relay was damage then Kiran replace the relay and during lunch we took carrier 2 in loop and took trials. Also added interlock at home position and created alarm of intermediate position of both hoist while coming down at LS station and ULS station. After lunch we called Mr. Prasath and took carrier 2 in production and observing carrier 1 and carrier 2 operation.
Sunday 14-Jan	9:00 AM	6:00 PM	9.00	Today there is no power in plant so we could not take trials.

*(Signature)*  
Damodar G. Patel  
29/1/18

*(Signature)*  
Valmik B. Pardeshi  
20/1/2018



## EMPLOYEE HOURS AND ACTIVITIES SHEET

Employee Signature: VALMIK PARDESHI

Week Ending: 21-Jan

Site Incharge: Damodar G. Patel

Date	Time In	Time Out	Hours	Activities
Monday				
15-Jan	11:00 AM	6:00 PM	7.00	Today also there is no production so Power on the carrier 1 and carrier 2 and took trials. Checked the alarm which was ask me to add by Patil Sir.
Tuesday				
16-Jan	1:00 AM	4:30 AM	3.50	Came for production support as request. But there is no man power production is stop we waited upto 4:30AM.
	11:00 AM	6:00 PM	7.00	When reached on site checked the alarm in hmi. observing carrier 1 and carrier 2 LS and ULS operation. Mr. Prasath check interlock of hoist at home position which was added.
Wednesday				
17-Jan	1:00 AM	7:00 AM	6.00	When reached on site checked the alarm in hmi. observing carrier 1 and carrier 2 LS and ULS operation.
	11:00 AM	6:00 PM	7.00	When reached on site checked the alarm in hmi. observing carrier 1 and carrier 2 LS and ULS operation.
Thursday				
18-Jan	9:00 AM	6:00 PM	9.00	When reached on site checked the alarm in hmi. observing carrier 1 and carrier 2 LS and ULS operation.
Friday				
19-Jan	9:00 AM	6:00 PM	9.00	When reached on site checked the alarm in hmi. observing carrier 1 and carrier 2 LS and ULS operation.
Saturday				
20-Jan	9:00 AM			When reached on site checked the alarm in hmi. observing carrier 1 and carrier 2 LS and ULS operation.

*(Signature)*  
 (Damodar G. Patel)  
 20/1/18

*(Signature)*  
 (Valmik B. Pardeshi)  
 20/01/2018



## MINUTES OF MEETING

M/s.Ashok Leyland Unit-I,Hosur and M/s.Sparkline, Pune.

### MEMBERS/ENGINEERS PRESENT

Ashok Leyland

Sparkline

1	Mr. Ananthakrishnan	1	Mr.Damodar G.Patel
2		2	Mr.Valmik B.Pardeshi
3		3	

During the visit, following activities were done.

Sr. No	Description of Work Done	Remarks
1	Modified logic of both hoist at home position (I3.4) as per requirement, before if both hoist is at home position and operator pressed hoist up push button both hoist was going up. Now added interlock at home position if operator presses hoist up push button both hoist will not go up.	
2	Created alarm from operational position (I3.1 & I4.1) to intermediate position (I3.2 & I4.2) of both hoist while coming down at Loading station and Unloading station.	
3	Created alarm from intermediate position (I3.2 & I4.2) to home position (I3.4) of both hoist while coming down at Loading station and Unloading station.	
4	Added cage open interlock in manual operation of hoist.	
5	CARRIER-1& 2:- INTERLOCK LOGIC DEVELOPMENT & MODIFICATION a) Hoists A & B LSW Interlock Has Been Developed. b) Auto Cycle Interlock is Modified & Tested with Given Time. c) Loading Station & Unloading Station is tested in Auto Cycle. d) Systems Stops After Hoist Alarms Comes at LS & ULS.	
6	HMI PROGRAM: Carrier-1 & 2 Hoists Alarms Generated in HMI and Tested.	

### SIGNATURES

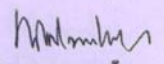
M/s.Ashok Leyland Unit-I,Hosur	M/s.Sparkline,Pune
signature	signature 20.1.18
(NAME OF THE PERSON/ENGINEER)	(NAME OF THE PERSON/ENGINEER)

(Valmik B. Pardeshi)



# REPORT OF EXAMINATION OF CRANES AND OTHER LIFTING MACHINES & TACKLES

[Prescribed under Rule 55A of Tamil Nadu Factory Rules 1950]

T.C. No. DT/ALL-P11/ECH/2018/01		Date: 24.01.2018
(i). Name of the Occupier (or Factory)	M/s. ASHOK LEYLAND LIMITED, (PLANT-II)	
(ii). Address of the factory	No. 77, SIPCOT Electronics Complex, SIPCOT Phase - II, Perandapalli, Hosur - 635 109.	
(iii). Distinguishing Number or mark, if any and description sufficient to identify the lifting machine, chain, rope or the lifting tackle.	<u>250 Kgs - Electric Chain Hoist</u> Column Mounted - Jib crane - 180° Slewing - Pendent Controlled - Steel Chain 4.0 mm dia - Single Fall with Steel shank hook. Lift: 2.6 m Make: Sparkline / Stahl      Hoist: Stahl Model: ST0502/8/2 Sl. No.: 3043441 Equipment No. LM 3851 Location of Usage: Tyre Assembly Shed	
(iv). Date when the lifting machine, chain, rope or lifting tackle was first taken into use in the factory.	2018	
(v). Date and number of the certificate relating to any test and examination made under sub-rule (1) and (8) together with the name and address of the person who issued the certificate.	First Test & Examination made by us today	
(vi). Date of each periodical thorough examination made under clause (a) (iii) of sub-section (1) of section 29 of the Act and sub-rule (7) and by whom it was carried out.	First Periodical thorough Examination made by us today	
(vii). Date of annealing or other heat treatment of the chain and other lifting tackle made under sub-rule (6) and by whom it was carried out.	Not Applicable	
(viii). Particulars of any defects found at any such thorough examination or after annealing and affecting the safe working load, and of the steps taken to remedy such defects.	The above Electrical Chain Hoist was thoroughly examined, load tested & No defects affecting its safe working load were found. <u>Safe Working Load - 250 Kgs.</u>	
I/ we certify that on 24.01.2018, I / We thoroughly examined the above mentioned lifting machine, chain/rope/lifting tackle and that the above is a correct report of the result.		
<b>Address:</b> <b>DASS &amp; THOMAS</b> D2, Nelson Chambers, 115, Nelson Manickam Road, Chennai - 600 029 Tel. No. 2374 1634/2374 0170 Fax: 2374 0309 Email: <a href="mailto:dassandthomas@airtelmail.in">dassandthomas@airtelmail.in</a>		<b>Signature:</b>  <b>Er. R. PALANIAPPAN,</b> Competent Person (App. No.H1/20258/2016dtd:26.09.2016)
Next Inspection Due On: 23.01.2019		



The user is responsible for proper maintenance and safe operation of all equipment.  
 Periodic maintenance, checks and inspections as per IS 14473 & 14475 are to be conducted.  
 Safety guidelines as per IS 13367 are to be followed.



# REPORT OF EXAMINATION OF CRANES AND OTHER LIFTING MACHINES & TACKLES

[Prescribed under Rule 55A of Tamil Nadu Factory Rules 1950]

T.C. No. DT/ALL-PII/ECH/2018/02

Date: 24.01.2018

(i). Name of the Occupier (or Factory)	M/s. ASHOK LEYLAND LIMITED, (PLANT-II)
(ii). Address of the factory	No. 77, SIPCOT Electronics Complex, SIPCOT Phase - II, Perandapalli, Hosur - 635 109.
(iii). Distinguishing Number or mark, if any and description sufficient to identify the lifting machine, chain, rope or the lifting tackle.	250 Kgs - Electric Chain Hoist Column Mounted - Jib crane - 180° Slewing - Pendant Controlled - Steel Chain 4.0 mm dia - Single Fall with Steel shank hook. Lift: 2.6 m Make: Sparkline / Stahl Hoist: Stahl Model: ST0502/8/2 Sl. No.: 3043440 Equipment No. LM 3852 Location of Usage: Tyre Assembly Shed
(iv). Date when the lifting machine, chain, rope or lifting tackle was first taken into use in the factory.	2018
(v). Date and number of the certificate relating to any test and examination made under sub-rule (1) and (8) together with the name and address of the person who issued the certificate.	First Test & Examination made by us today
(vi). Date of each periodical thorough examination made under clause (a) (iii) of sub-section (1) of section 29 of the Act and sub-rule (7) and by whom it was carried out.	First Periodical thorough Examination made by us today
(vii). Date of annealing or other heat treatment of the chain and other lifting tackle made under sub-rule (6) and by whom it was carried out.	Not Applicable
(viii). Particulars of any defects found at any such thorough examination or after annealing and affecting the safe working load, and of the steps taken to remedy such defects.	The above Electrical Chain Hoist was thoroughly examined, load tested & No defects affecting its safe working load were found. Safe Working Load - 250 Kgs.

I / we certify that on 24.01.2018, I / We thoroughly examined the above mentioned lifting machine, chain/rope/lifting tackle and that the above is a correct report of the result.



Address:

DASS & THOMAS  
D2, Nelson Chambers,  
115, Nelson Manickam Road,  
Chennai - 600 029  
Tel. No. 2374 1634/2374 0170 Fax: 2374 0309  
Email: [dassandthomas@airtelmail.in](mailto:dassandthomas@airtelmail.in)

Signature:

Er. R. PALANIAPPAN,  
Competent Person  
(App. No.H1/20258/2016dtd:26.09.2016)

Next Inspection Due On: 23.01.2019

The user is responsible for proper maintenance and safe operation of all equipment.  
Periodic maintenance, checks and inspections as per IS 14473 & 14475 are to be conducted.  
Safety guidelines as per IS 13367 are to be followed.