Introduction

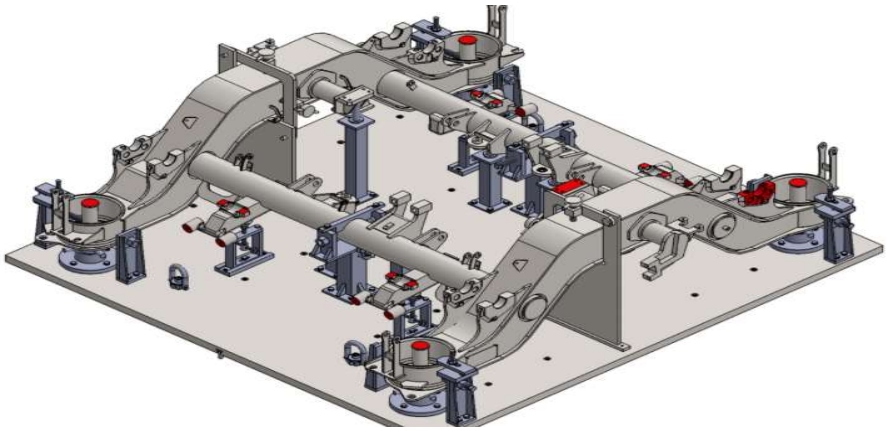
The project was sanctioned under RCF pink book-2010-11 item 8 at the cost of Rs.59.3 Cr which subsequently had been revised to Rs.96.02 Cr
Foundation stone for construction of Factory was laid on 11th january 2011.
Construction on a Turn-Key basis has been executed by RITES.
Bogie Manufacturing Factory was established for manufacturing of LHB bogie frames to supplement production of LHB coaches at Rail Coach Factory, Kapurthala.

Total Area - 4.172 Acres
Total Area Covered - 1.8 Acres
Shed Area - 5772 Sq. Meter

Bogie Manufacturing Factory was commissioned on 09.06.2016 and currently Bogie Manufacturing Factory is supplying LHB Bogie Frames to Rail Coach Factory Kapurthala; ; Integral Coach Factory, Perambur; Mancheswar Workshop/ECR;Kharagpur workshop(KGPW) Liluah workshop (LLHW)/ER; JUDW workshop NR; and other Railway units.

On 01.07.2019, Administrative Control of Bogie Manufacturing Factory , Budge Budge was shifted to CWM / Liluah Workshop.
Out of 160 sanctioned Posts(Non- Gazetted), Total on roll as of April,2020 is only 86.

Technical brief of bogie frame



Type of Bogie Frame - LHB Bogie Frame
Weight - 1130 Kg
Overall Dimension - 3035 X 2947 X 699 in mm
Bogie frame is made primarily from steel plates of Structural steel to EN 10025-5/2004 Grade S 355 J 2W +N. The bogie frame is a solid welded frame made by steel sheets, forgings and cast parts. The fabricated frame assembly is made up of two longitudinal components, called Side frames connected by two cross members called Brake beams to support the brake units. There are other supports, welded to the frame, to connect the different bogie components.

Important Machineries of Bogie Manufacturing Factory

5 Axis CNC Machine

Manufacturer - M/s Toskurim-OS, A.S, Czech Republic.
Supplier - M/s Swastik Overseas, New Delhi
Price- Rs.14,55,22,647.00
Commissioned on - 07.01.2016
Purpose- Machining of LHB Bogie Frames

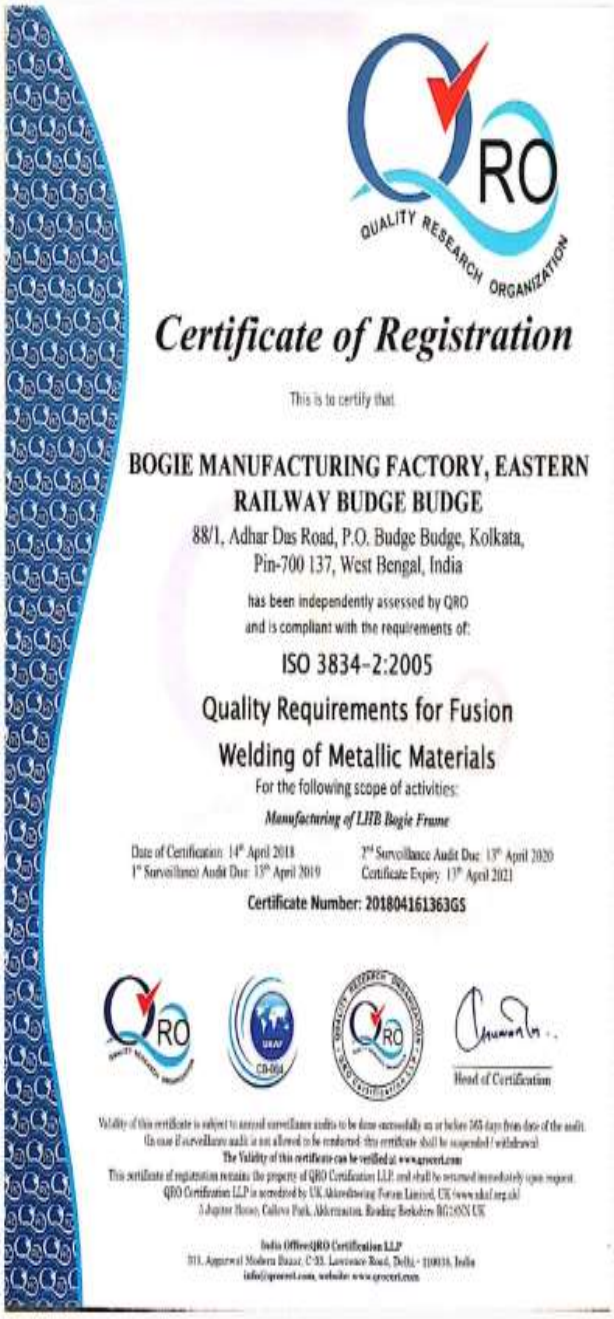
Underwater Plasma cutting Machine

Manufacturer - M/s Soitaab Implanti , Italy
Supplier - M/s Vinayak Enterprises, Delhi
Price- Rs. 3,04,81,548/-
Commissioned on - 09.01.2017
Purpose- Profile Cutting of Steel Plates for KIT Materials.

Robotic Welding M/c

Supplier - M/s Kuka System(India) Pvt.Ltd., Pune
Price- Rs.1,19,86,451.00
Commissioned on - 17.03.2015
Purpose- Welding of Side Frames of FIAT Bogie Frames.

ISO Certifications :- Bogie Manufacturing Factory , Budge Budge has acquired following Certificates:-



QRO
QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

BOGIE MANUFACTURING FACTORY, EASTERN RAILWAY BUDGE BUDGE

88/1, Adhar Das Road, P.O. Budge Budge, Kolkata,
Pin-700 137, West Bengal, India

has been independently assessed by QRO
and is compliant with the requirements of:

ISO 3834-2:2005

Quality Requirements for Fusion Welding of Metallic Materials

For the following scope of activities:

Manufacturing of LHB Bogie Frame

Date of Certification: 14th April 2018 — 3rd Surveillance Audit Due: 13th April 2020
1st Surveillance Audit Due: 13th April 2019 — Certificate Expiry: 13th April 2021

Certificate Number: 20180416136 3GS

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case if surveillance audit is not allowed to be conducted this certificate shall be suspended / withdrawn)
The Validity of this certificate can be verified at www.qrocert.com
This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.
QRO Certification LLP is accredited by UK Accreditation Forum Limited, UK (www.ukaf.org.uk)
3 Jupiter House, Calleva Park, Aldermaston, Reading Berkshire RG7 8NN UK

India Office:QRO Certification LLP
311, Aggarwal Modern Bazar, C-33, Lawrence Road, Delhi - 110035, India
info@qrocert.com, website: www.qrocert.com

ISO 3834-2:2005

5S WORKPLACE ORGANIZING

Certificate of Registration

This is to Certify that

BOGIE MANUFACTURING FACTORY,
EASTERN RAILWAY, BUDGE BUDGE

88/1, ADHAR DAS ROAD, P.O.- BUDGE BUDGE
KOLKATA - 700137, WEST BENGAL (INDIA)

has been assessed and found to conform to the requirements of

5S
WORKPLACE ORGANIZING
MANAGEMENT SYSTEMS

for the following scope :

MANUFACTURING OF LHB BOGIE FRAME

Certification No	**CTQM/2017/5S/03**		
Initial Registration Date	: 18/12/2017	Issuance Date	: 18/12/2017
Date of Expiry	: 17/12/2020		
1st Surve. Due	: 18/11/2018	2nd Surve. Due	: 18/11/2019

Chief Executive Officer

Centre for Total Quality Management
(Run by Gayatri Devi Educational Trust)
H.I.T. Road, Ichapur, Howrah - 711 104, West Bengal (India)
Phone No. (033) 2677 4145 / e-mail : ctqm1999@gmail.com
website : www.ctqm.co.in

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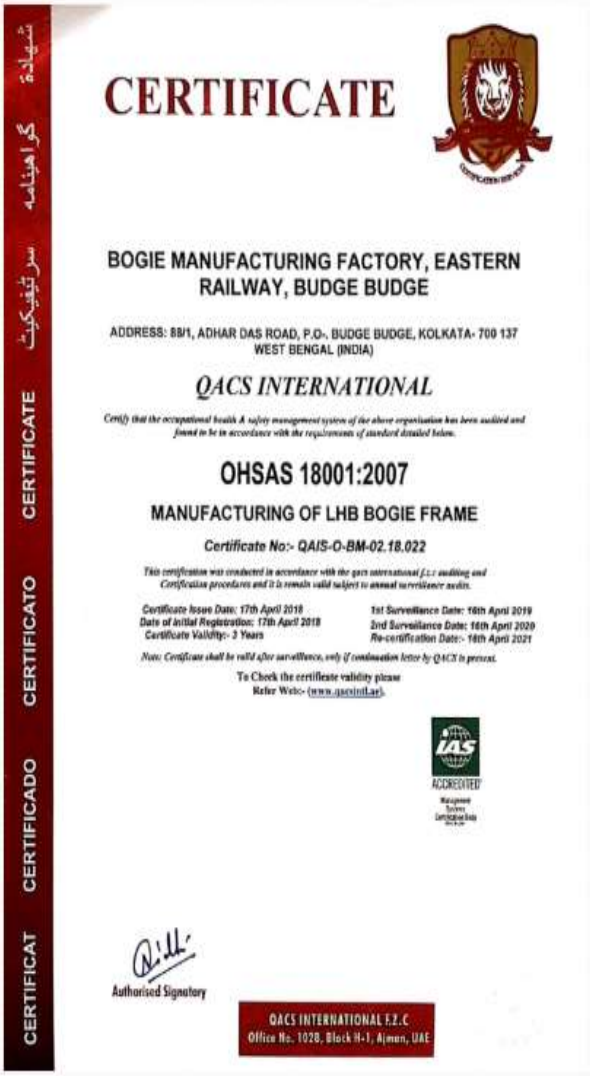

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CERTIFICATE

BOGIE MANUFACTURING FACTORY, EASTERN RAILWAY, BUDGE BUDGE

ADDRESS: 88/1, ADHAR DAS ROAD, P.O-. BUDGE BUDGE, KOLKATA- 700 137
WEST BENGAL (INDIA)

QACS INTERNATIONAL

Certify that the occupational health & safety management system of the above organization has been audited and found to be in accordance with the requirements of standard detailed below.

OHSAS 18001:2007

MANUFACTURING OF LHB BOGIE FRAME

Certificate No:- QAIS-O-BM-02.18.022

This certification was conducted in accordance with the qacs international f.z.c auditing and Certification procedures and it is remain valid subject to annual surveillance audits.

Certificate Issue Date: 17th April 2018
Date of Initial Registration: 17th April 2018
Certificate Validity:- 3 Years

1st Surveillance Date: 16th April 2019
2nd Surveillance Date: 16th April 2020
Re-certification Date:- 16th April 2021

Note: Certificate shall be valid after surveillance, only if continuation letter by QACS is present.

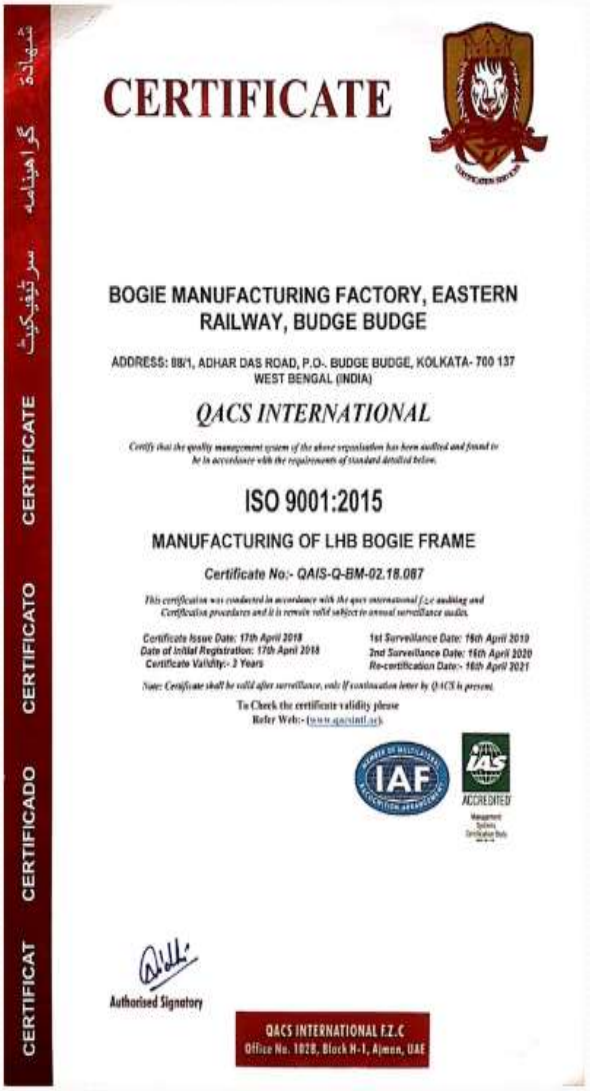
To Check the certificate validity please
Refer Web:- (www.qacsintl.ae).

IAS ACCREDITED

Authorised Signatory

QACS INTERNATIONAL F.Z.C
Office No. 1028, Block H-1, Ajman, UAE

ISO 18001:2007



شهادة گواهينامه سرٹیفکیٹ CERTIFICATE CERTIFICATO CERTIFICADO CERTIFICAT

CERTIFICATE

BOGIE MANUFACTURING FACTORY, EASTERN RAILWAY, BUDGE BUDGE

ADDRESS: 88/1, ADHAR DAS ROAD, P.O-. BUDGE BUDGE, KOLKATA- 700 137
WEST BENGAL (INDIA)

QACS INTERNATIONAL

Certify that the quality management system of the above organization has been audited and found to be in accordance with the requirements of standard detailed below.

ISO 9001:2015

MANUFACTURING OF LHB BOGIE FRAME

Certificate No:- QAIS-Q-BM-02.18.087

This certification was conducted in accordance with the qacs international f.z.c auditing and Certification procedures and it is remain valid subject to annual surveillance audits.

Certificate Issue Date: 17th April 2018
Date of Initial Registration: 17th April 2018
Certificate Validity:- 3 Years

1st Surveillance Date: 16th April 2019
2nd Surveillance Date: 16th April 2020
Re-certification Date:- 16th April 2021

Note: Certificate shall be valid after surveillance, only if continuation letter by QACS is present.

To Check the certificate validity please
Refer Web:- (www.qacsintl.ae).

IAF

IAS ACCREDITED

Authorised Signatory

QACS INTERNATIONAL F.Z.C
Office No. 1028, Block H-1, Ajman, UAE

ISO 9001:2015

CERTIFICAT CERTIFICADO CERTIFICATO CERTIFICATE سرٹیفکیٹ گواہینامہ شہادۃ

CERTIFICATE

BOGIE MANUFACTURING FACTORY, EASTERN RAILWAY, BUDGE BUDGE

ADDRESS: 88/1, ADHAR DAS ROAD, P.O-, BUDGE BUDGE, KOLKATA- 700 137
WEST BENGAL (INDIA)

QACS INTERNATIONAL

Certify that the environmental management system of the above organisation has been audited and found to be in accordance with the requirements of standard detailed below.

ISO 14001:2015

MANUFACTURING OF LHB BOGIE FRAME

Certificate No:- QAIS-E-BM-02.18.016

This certification was conducted in accordance with the qacs international f.z.c auditing and Certification procedures and it is remain valid subject to annual surveillance audits.

Certificate Issue Date: 17th April 2018
Date of Initial Registration: 17th April 2018
Certificate Validity:- 2 Years

1st Surveillance Date: 16th April 2019
2nd Surveillance Date: 16th April 2020
Re-certification Date:- 16th April 2021

Note: Certificate shall be valid after surveillance, only if continuation letter by QACS is present.

To Check the certificate validity please
Refer Web:- (www.qacsintl.ae).

IAF

IAS ACCREDITED Management Systems Certification Body

Authorised Signatory

QACS INTERNATIONAL F.Z.C
Office No. 102B, Block H-1, Ajman, UAE

ISO 14001:2015

ISO 50001:2011

Certificate of Registration

This is to Certify that
Energy Management System of

BOGIE MANUFACTURING FACTORY
EASTERN RAILWAY

88/1, ADHAR DAS ROAD, P.O. – BUDGE BUDGE,
KOLKATA – 700137, WEST BENGAL (INDIA)

has been assessed and found to conform to the requirements of

ISO 50001:2011

for the following scope :

MANUFACTURING OF LHB BOGIE FRAME

Certificate No	18IEnBR38		
Initial Registration Date	: 28/02/2018	Issuance Date	: 28/02/2018
Date of Expiry*	: 27/02/2021		
1st Surve. Due	: 28/01/2019	2nd Surve. Due	: 28/01/2020

Director
AQC MIDDLE EAST FZE.
EB-14/8, F, Amber Gem Tower, Sheikh Khalifa Bin Zayed Road, 2,
Ajman, UAE. e-mail : info@aqcworld.com.
Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.
Certificate Verification: How to check the validity of certificate, please log on to www.aqcworld.com/certificate.aspx or www.aqcworld.com/certificate.aspx and follow Clients Certificate Verification Process.

IAS ACCREDITED Management System Certification MSCB-119

ISO 50001:2011

Confederation of Indian Industry

CII - Sohrabji Godrej Green Business Centre

hereby certifies that

Bogie Manufacturing Factory,

Budge-Budge; Eastern Railway

has successfully achieved the standards as required for the following level of certification under the GreenCo - Green Company Rating System which is valid for a period of 3 years

GreenCo Certified

October 2019

Jamshyd N Godrej	**Pradeep Bhargava**	**L S Ganapati**	**K S Venkatagiri**
Chairman	Chairman	Chairman	Executive Director
CII-Godrej GBC	GreenCo Rating System	GreenCo Assessor Panel	CII-Godrej GBC