







Email: info@crgindustriesgroup.com | www.crgindustriesgroup.com



### EXCELLENCE IS IN THE DETAILS

Our this belief gifted us a glorious past & a promising future





## GENERAL INTRODUCTION

We introduce ourselves as CRG Group under the name of M/s CRG Industries established in 2004 & M/s Shanti Steels established in 1988, professionally managed company situated in Baddi & Barwala having corporate office in Panchkula. It has been serving Indian Railways & Defence for last 30 years



#### **CAPABILITIES**

#### **CRG INDUSTRIES**

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With more than 1,00,000 sq ft. area and State of Art Manufacturing shop floor facilities with having manpower more than 300 people which include Design Engineers, Quality Personnels, Production Heads, Administrative Staff etc. our company develops and supplies railway & Defence components. We also expertise in Heavy Steel Metal Fabrication works. Our products feature high performance, high reliability and maintenance free service to support railways, Defence in their mission to provide quick, good quality, safe & dependable transport. We play a critical role in Indian Railway's national objectives and technology development framework. As a result, our firm has aided in the positioning of India on the global technology map



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#### Admin Block



#### Admin Block







Workshop

Workshop



# DETAILS OF INFRASTRUCTURAL FACILITY



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CNC Plasma Cutting Machine **MODEL**: 1 - OMIMATT T,

2 - LCUT

**MACHINE No:** 

1 - 101119, 2 - 11312

Year of Build : 2008, 2018



Cnc Hydraulic Press Brake Power-Bend Falcon

MAKE:- EMARKSON CAPACITY/RANGE:-3m / 400 Ton MODEL:- (20748-K4J3V4)

Year of Build : 2008, 2018



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**Hydraulic Press** 

MAKE:-POLYHYDRON CAPACITY/RANGE:-500 tonMODEL:- POLYHYDRON MACHINE No:- PCM20/06-05-315-23 YEAR OF BUILD:- 2014



CNC 5-Axis Machining Center With Probing Facility. MAKE:-VISION WIDE (UNIT-2) CAPACITY/RANGE:- Bed size:-6.4\*3.9\*1.4 meter MODEL:- NF-6239

**MACHINE No:- NF 0399** 

YEAR OF BUILD:- 2018



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Painting Facility	Painting	g Facility
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MAKE:-CRG Industries
CAPACITY/RANGE: - Air
compressor-12 bar pressure with
minimum 4 guns which are suitable
for entire component & centralized
air compressor line and independent
compressor with 4 gun points.

MODEL:- SELF-MADE
MACHINE No:- CRG/PF/01
Year Of Build: 2017



	Crane
FOT	urane
	CIGIL

MAKE:-ASIAN CRANES (UNIT-2)

Capacity/Range: 25 ton-(21x120 m)x2 7.5 ton-(25x50 m)

**MODEL: ASIAN CRANES(UNIT-2)** 

**MACHINE No:** 

AC02271120180197E(25T) AC02180120190215E(7.5T) YEAR OF BUILD: 2018



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MIG Welding Machine (400 Amps)-25 nos MIG Welding Machine (500 Amps)-10 nos



MAKE:- ESAB/GAIGU/MOGRA/SUNRISE/PANASONIC

CAPACITY/RANGE:- 400

Amps/500 Amps

MODEL:- MIG400 CCCV, SNER-500M

MACHINE No:- 19074400490 YEAR OF BUILD:- 2009-2019



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**Induction Heater** 

MAKE:- AMBASSADOR CAPACITY/RANGE:- 1DEG

CEL

MODEL:- AMBASSADOR MACHINE No:- HAO-001 YEAR OF BUILD:-

2015



Degreasing/ De-Rusting Plant MAKE:-CRG Industries MODEL:- SELF-

MADE

Degreasing chemical: ASFOCOAT-31

De-rusting chemical: Phosphoricacid based

rust remover

M&P No:- CRG/DEG/DERUS/01



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Bogie Static Load Testing Machine With Rails

#### MAKE:-CRG Industries CAPACITY/RANGE:-

- Compression type load cell: make-SAMURAI, model no-T-34, capacity-50000kg, acy-5g
- ii. Display IT unit system:- make-APPALTO, model no-AND7300, capacity-50000kg, acy-5g MODEL:- Self-made YEAR OF BUILD:- 2018



**Hydraulic Press** 

MAKE:-CRG INDUSTRTIES

CAPACITY/RANGE:- 300 TON

MODEL:- Self-made MACHINE No:
CRG/HF/01YEAR OF BUILD:- 2010



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Lifting Tachle/Chain Slings

Lifting Tachle/Chain Slings



Robotic WeldingWith Synchronized Manipulator (Programable)

YEAR OF BUILD:- 2017



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Level SurfaceTable

MAKE:-CRG Industries
CAPACITY/RANGE:-7.6 m x 4 mMODEL:SELF-MADE
YEAR OF BUILD:- 2018



Heat Treatment Furnace with DataLogger

Chamber- Make-CRG Industries Thermocouple:- K-Type (Duplex)Temp. Controller:-Make- SWASTHIK Model- STC 961

Scanlog 08 Ch:- Ver. Pendrive Make: PPI

CAPACITY/RANGE:- Length-7m Width-3m, Height-2.5m





**Brazing Machine** 



Plasma Cutting Machine





Lathe Machine



**Band Saw** 



# TOOLS, TESTING & MEASURING EQUIPMENTS



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**Bolster Dome Air Leakage Testing Arrangement** 

Test Rig For Leakage Testing Pneumatic Piping. **MAKE:-CRG Industries** 



**Vernier Caliper** 

MAKE:-Aerospace
CAPACITY/RANGE:- Size-3m
with accuracy-0.02mm

MODEL:-

YEAR OF BUILD :- 2017



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**Torque Wrench** 

MAKE:- TORQUE MASTER CAPACITY/RANGE: -1. 200-815 N.m.

2. 70-340 N.m. PART No.:-

**TM600R** 



Pneumatic ImpactWrench

MAKE: - 1. DE NEERS

2. RALLI WOLFCAPACITY/RANGE:-

1. ½" TWIN HAMMER

AIR PRESSURE: 6.3 bar/90 psi Max. Torque: 850N.m. (627 ft-lb)

1. ¾" Mini Impact Wrench TwinHammer. Max. 1000ft-lb (1356N-m)9000rpm, 6.3 bar

Model No.:- IW-1930T

Serial No.:- 190023s



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Ultrasonic TestSet Up RANGE/ACCURACY: - 10 mm to 5 meter (0.500 in to 200 in) (in steel). In Hot Key mode it has 13 preset values

MAKE:- Modsonic Ultrasonic Flaw Detector

**MODEL: Einstein-II DGS** 

MACHINE NO:- E3464-0812 YEAR OF BUILD: 2018



Shot Blasting OrSurface Preparation Plant

MAKE:-CRG Industries CAPACITY/RANGE:- Shots: Metal

shots HSM-460

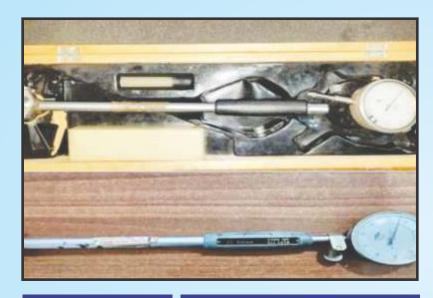
**MODEL:- SELF-MADE** 

MACHINE No:- CRG/SB/01

**YEAR OF BUILD: 2018** 



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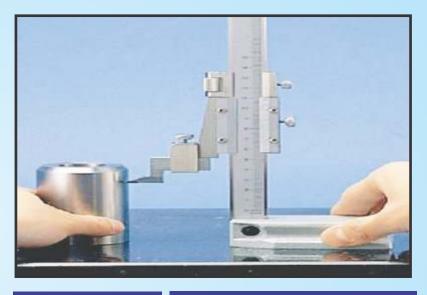
**Bore Gauge** 

RANGE/ACCURACY: -

35-60 mm, 50-160

mm/N.A.MAKE:-

MITUTOYO
PARTY I/D MARK NO:-BG-02,
BG-01



**Vermier Height Gauge** 

RANGE/ACCURACY:-

0-300mm/0.02mmMAKE:-

Aerospace
PARTY I/D MARK NO:- HG-001



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Digital Surface Roughness Tester RANGE/ACCURACY:- Microsurf 10A

MAKE:-METRIX+TM

PARTY I/D MARK NO:-ME-001



Magnetic ParticleTest (Mpt) **MAKE:- MAGNAFIED** 

CAPACITY/RANGE:- FREQUENCY-50Hz, VOLTAGE-230 OR 110V AC/ LESS THAN 1000KN

**MODEL:- MF-ADY YEAR OF BUILD:- 2018** 



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Weld CheckGauge

RANGE/ACCURACY:- 0-25, 0-

60mm T,U,B/1mm MAKE:-

UNIVERSAL

PARTY I/D MARK NO:-WCG-020, WCG-019



**Thread Gauge** 

Make:- Mitutoyo

Size:- 4-42 TPI 0.4 to 7 mm

Serial No.- 188-151





Grinders (AG 4, AG5, AG7, AG8)

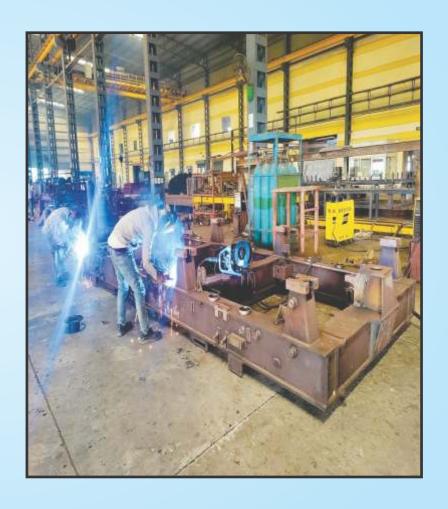


Saw Welding Machine



#### Design and Engineering

We have in-house design & experience centre and skilled resources to derive innovation with respect to product development and rapid prototyping capabilities. We have facilities equipped to handle engineering deliverables.





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#### **CERTIFICATIONS**







ISO 9001 ISO 3834 ISO 45001

NSIC RDSO Defence registration



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#### **CERTIFICATIONS**







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#### **RAILWAY APPROVAL**







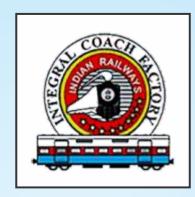
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	Integral Coach Factory			
	( MECH DESIGN, Mechanic Final Decision Letter	al)		
Lawar No. Marriage and annual	202		Date of Otton (DOD	
Letter No - ICF/108/1901/000223	123		Dated 04/08/202	
To M /s CRG INDUSTRIES-BARWA Khewat No. 123/149, Raiwali R	ILA DISTT. PANCHKULA oad Nayagaon Barwala disti, pand	chku <b>l</b> a,Haryana - 134118	3, India	
Sub: Decision of Fresh Registrat				
Ref: Your registration request ID	) 12879 Dated 23/02/2022			
Your application under reference	has been processed.			
After detailed processing, compe as per the following details:	tent authority has decided the inclu	sion of your name in the	Vendor directory	
Name of the firm	M /s CRG INDUSTRIES-BARWAI	LA DISTT. PANCHKULA		
Registered Address of the Firm	Khewat No. 123/149, Rai wali Road Nayagaon Barwala distt. panchkula,Haryana - 134118, India			
Mfg, Unit Details	CRG INDUSTRI, 123/149, RAI WALI ROAD,NAYAGAON PANCHKULA/BARWALA,Haryana - 134/18, India			
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		10410, 1101		
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Items for which request is approv	red	ME)	Capacity(Pe Annum)	
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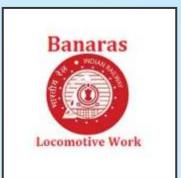




#### **OUR CLIENTS**

Integral Coach Factory
Modern Coach Factory
Rail Coach FActory
Chittranjan Locomotive Works
Banaras locomotive Works
Patiala Locomotive Works
RDSO
RITES
SASE(DRDO LAB)
BEMI













Patiala Locomotive Works, Patiala (Formerly Diesel Loco Modernisation Works, Patiala)



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#### **OUR PRODUCTS**

#### Conventional & LHB Coaches:

- Bogie Frame Assembly for Air Spring LHB Coaches
- End Part Assembly
- Front Part Assembly
- Endwall Assembly
- Bogie Bolster
- Transom
- Bogie Frame for Conventional Coaches
- Underframe Assembly
- Fully Assembled Bogie
- Bogies for NMR Coaches
- Bogies for MEMU,DEMU

#### **LOCOMOTIVES**:

- Longhood Structure Assembly
- Cabstructure Assembly
- Radiator Assembly
- Driver Desk Control Panel
- Bogie Frame
   Complete for 3
   Phase Co-Co
   Locomotive

#### FRP Products For Railways

- Composite Modular Toilet
- Modular Toilet
- Ceiling Sheet Assembly
- Trough Below AC Unit for RMPU
- Side Wall Panel Assembly

#### **SHANTI STEELS:**

- Snow Avalanche Control Structure for SASE and DRDO units
- Kerosene Heater
- Elastic Rail Clips For Railways





LHB Bogie Bolster



Bogie Frames for Conventional Coaches





Bogie Frame Complete for Co-Co Locomotive



Bogie Frame For LHB Coaches





Fully assembled bogie frame for Mozambique railways









SNOW NETS AND ELASTIC RAIL CLIP BY SHANTI STEELS



# Our Vision and future Perspectives

#### **CRG INDUSTRIES**

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Our vision is to expand our business to International level and present ourselves globally.

We at CRG groups believe in Strategic Alliance, wherein we can combine our resources to undertake specific and mutual beneficial projects. More concentration will be on technology oriented projects with latest machinery and technical support. We are open to diversify into any field of manufacturing or trading, which can show our presence globally.

We are in process of developing Complete Shell for WAP-7/ WAP-9HC Locomotives and will be completed in a short span of time Just recently, another contract has been placed by RITES Expotech for manufacturing & supply of Cape Gauge Bogies for Mozambique Railway. Similarly, another contract for Zimbabwe Railway is expected very soon.



#### www.crgindustriesgroup.com

#### **Contact Us:**



info@crgindustriesgroup.com crg\_indl@rediffmail.com



+91 9317614917 +91 9499113917



Regd. Off. & Works Khewat No 123-149, Rai Wali Road , Naygaon, Barwala, Distt panchkula, Haryana. Pin 134118

Admin Office

Plot No 253, Industrial Area, Phase 1, Panchkula, Haryana. Pin 134113

