



Aarneel
Technocrafts Pvt Ltd.



AARNEEL TECHNOCRAFTS PVT. LTD.
CREATING SOLUTIONS FOR SAFE WAYS

www.aarneel.com

- **OUR INTRODUCTION**
- **FIELD OF ACTIVITIES**
- **OUR ASSOCIATES**
- **INFRASTRUCTURES**
- **SERVICE & SUPPORT**



Presentation Agenda

CREATING SOLUTIONS FOR SAFE WAYS

OUR INTRODUCTION

Aarneel Technocrafts Pvt Ltd. was established in Dec 2012. With the objective to cater the fast growing highway industry with wide range of road safety products and giving an organised mode along with quality and delivery committed operations.

The company specializes in highway furniture manufacturing works especially Octagonal street Light Poles, Metal beam crash barrier, Retro reflective signage, Thermoplastic Road Marking Paints & etc.

The all in-house facilities and self-operative project team helps in our self-evaluating approach and invaluable experience gained through successful ventures over the years has given the company the confidence to take up large projects and deliver cost effective products in committed timelines with effective project management.

All products are being manufactured by acquiring quality raw material and employing the latest advanced technology.

Above all, we offer customized solutions with best in industry prices. Incepted with an objective to excel in our domain, we are heading to greater heights progressively. We are assisted with wide distribution network owing to which our products have reached to each and every corner of the country

C R E A T I N G S O L U T I O N S F O R S A F E W A Y S



7

**Years in Road
Safety Products
Manufacturing**

Since 2012

**ISO
9001-2015
14001 : 2015
OHSAS
18001-2007**

Certified

14+

NHAI Projects

04+

MoRTH Projects

12+

**State & PWD
Projects**

**Reputed and
Financially Sound**

Leader in offering

**“Single
Window
Solutions
of Road
Safety”**

Integrity

200

Peak

Manpower

125

Employees

Team Strength

C R E A T I N G S O L U T I O N S F O R S A F E W A Y S



Aarneel
Technocrafts Pvt Ltd.

FIELD OF ACTIVITIES



Metal Beam Crash Barriers

Metal Beam Crash Barrier

Range:-

W-Beam - L 4318 x W 310 x H 83 x T 2.50 to 3.0 mm

Post - L 1100 to 1800 x W 150 x H 75 x T 4.50 to 5.0 mm

Spacer - L 330 to 360 x W 150 x H 75 x T 4.50 to 5.0 mm

Bolts & Nuts (Hex/Button head) - M16 x P 2.5 x L 40mm

RM Specifications:-

W-Beam - HR Sheet T 2.50 to 3.0 mm as per IS:1079 HR3 / IS:2062 E-250 A

Post & Spacer - HR Sheet T 4.50 to 5.0 mm as per IS:2062 E-250 A

Bolts & Nuts (Hex/Button head) - M16 as per IS:1367 / 1364.

Surface Finishing:-

Hot Dip Galvanized - As per IS:2629

Note:-

Specification of raw materials can change as per customer needs

FIELD OF ACTIVITIES



Electric Poles & Arm Brackets

Octagonal Street Light Poles

Range:-

6 to 12 meters length

RM Specifications:-

Pole Main Structure - HR Sheet T 3.0 mm as per IS:2062 E-350 C

Base Plate - MS Plate T 20 mm as per IS:2062 E-250 A

Arm Brackets

Range:-

Arm Length - 250 mm to 3000 mm

Tilt Angle - 0°, 5°, 10° & 15°

Type - Single sided & Double sided Arm

Gusset Type - Flower or L Angle or C Channel

RM Specifications:-

Arm Pipes - ϕ 48.3 x T 2.3 mm & ϕ 127 x T 2.5 mm as per IS 1161 / 1239 / 3601 Y-210

Foundation Bolts & Nuts - J-Bolt of ϕ 25mm bar as per EN8D Grade, Hex Nut of M24 & M10 as per IS:1367/1364

Zinc Ingot - As per IS 209

Surface Finishing:-

Hot Dip Galvanized - As per IS:2629

CREATING SOLUTIONS FOR SAFE WAYS

FIELD OF ACTIVITIES

Thermoplastic Road Marking Paint

Range:-

White Color

Yellow Color (As per IS Color No - 356)

RM Specifications:-

As per Clause 803 of MoRTH

- 1) Glass Bead (Drop-on & Intermix) - As per BS 6088 (**Make – Potters**)
- 2) Titanium Di-Oxide
- 3) C5 Resin
- 4) Binders
- 5) Calcium Carbonate
- 6) Yellow Pigment



Thermoplastic Paints

CREATING SOLUTIONS FOR SAFE WAYS

FIELD OF ACTIVITIES



Road Safety Sign Boards

Road Safety Sign Boards

Range:-

- 1) Single Post
- 2) Double Post
- 3) Place Identification Boards
- 4) Advance Direction Boards
- 5) Overhead Cantilevers Boards
- 6) Overhead Gantry Boards
- 7) Toll Boards

RM Specifications:-

- 1) **Retro Reflective Sheeting** - DG, ASTM D 4956 Type-XI (Make - 3M)
- 2) **Aluminum Composite Panels(ACP)** - T 4 mm with T 0.25mm of aluminum skin on both sides.
- 3) **Post** - MS Pipe ϕ 88.9 x T 2.5 mm, ϕ 219 x T 4.0 mm, ϕ 324 x T 5.0mm as per IS: 1161 / 1239 / 3601 YST-210
- 4) **Frame** - MS L-Angle W 25 x W 25 x T 3.0 mm as per IS: 808
- 5) **Frame** - MS Tube W 20 x H 40 x T 2mm as per IS: 4923 YST-210

Surface Finishing:-

Powder Coated - As per MoRTH standard

CREATING SOLUTIONS FOR SAFE WAYS

FIELD OF ACTIVITIES



Scaffoldings Materials

Scaffolding Materials

Range:-

- 1) Cup lock - L 500 mm to 3000 mm
- 2) Ledger - L 500 mm to 2500 mm
- 3) Adjustable Prop Jack - L 1000 mm to 3000 mm
- 4) U-Jack & Base Jack - L 500 mm
- 5) Spigot / Joint pin - L 300 mm

RM Specifications:-

- 1) MS Pipe - ϕ 42 x T 3.5 mm, ϕ 48 x T 3.2 mm, ϕ 60.3 x T 3.5 mm as per IS: 1161 / 1239 / 3601 YST-210
- 2) MS & EN8 Bars - ϕ 30 & 32 mm as per BS 970 part-3
- 3) HR Sheet - T 3.0 to 8.0 mm as per IS:2062 E-250 A

Surface Finishing:-

Powder Coated - As per MoRTH standard

FIELD OF ACTIVITIES



Tubular Guard Rails

Tubular/Pedestrian Guard Rails

Range:-

L 2000 mm x H 1510 mm

RM Specifications:-

1) **MS Pipe** - ϕ 48.3 x T 2.3 mm & ϕ 26.4 x T 2.3 mm as per IS: 1161 / 1239 / 3601 YST-210

Surface Finishing:-

Red-oxide primer painted or as per customer needs

FIELD OF ACTIVITIES



Moulds & Shuttering Parts

Range:-

- 1) RE Panel Moulds - STD A, STD B, TOP A & TOP C
- 2) CB Moulds/Friction Slabs - Standard & Flexible
- 3) Utility Box - As per requirement
- 4) Boundary wall Moulds - As per requirement
- 5) Girder Assembly - 20 meters to 42 meters

RM Specifications:-

- 1) HR Sheet / Plates - T 4.0 to 20 mm as per IS:2062 E-250 A
- 2) MS C-Channel - W 50 x H 100 mm as per IS:808
- 3) MS L-Angle - W 65 x W 65 mm as per IS:808

Surface Finishing:-

Painted or as per customer needs

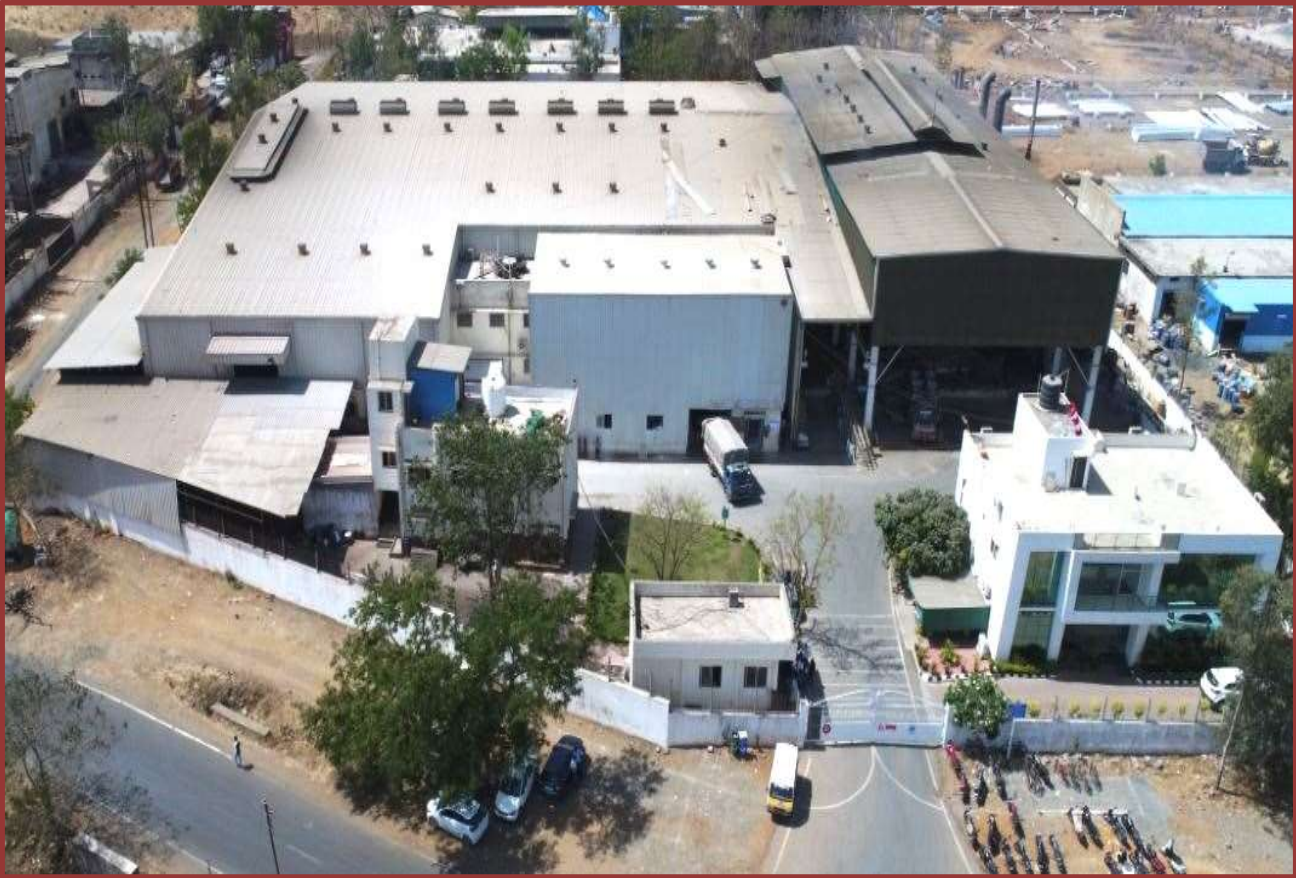
C R E A T I N G S O L U T I O N S F O R S A F E W A Y S

OUR ASSOCIATES



CREATING SOLUTIONS FOR SAFE WAYS

INFRASTRUCTURES



The Manufacturing unit at Pithampur occupies a built up area of over 21,000 m² . Lead by Highly qualified, trained and experienced team of professionals.

CREATING SOLUTIONS FOR SAFE WAYS



INFRASTRUCTURES

➤ **Hot Dip Galvanizing Plant:- 926.3 m² of Unit-1 & 2652 m² of Unit-2**

- **Kettle 1 Size** (L 7.2 x W 0.9 x D 1.4 meters) ⇒ Capacity - 1,500 MT per month
- **Kettle 2 Size** (L 13.1 x W 1.2 x D 2.2 meters) ⇒ Capacity - 4,500 MT per month

➤ **Manufacturing facilities:-**

- **Rolling Mill (W-Beam)** ⇒ Capacity - 1,25,000 Running meters per month
- **Plasma Cutting Machine** (L 13.1 x W 1.2 x D 2.2 meters) ⇒ Capacity - 200 Amps
- **Hydraulic Press Break** (L 12.5 meters) ⇒ Capacity - 650 MT
- **Submerged Arc Welding Machine** ⇒ Capacity - 150 Amps
- **Press Machines** ⇒ Capacity - 30 MT to 200 MT
- **Paint shop** ⇒ Capacity - 600 MT per month
- **Thermoplastic Paint Mixer Machine** ⇒ Capacity - 1,500 MT per month
- **Welding shop** ⇒ Capacity - 400 to 500 Amps

INFRASTRUCTURES



CREATING SOLUTIONS FOR SAFE WAYS



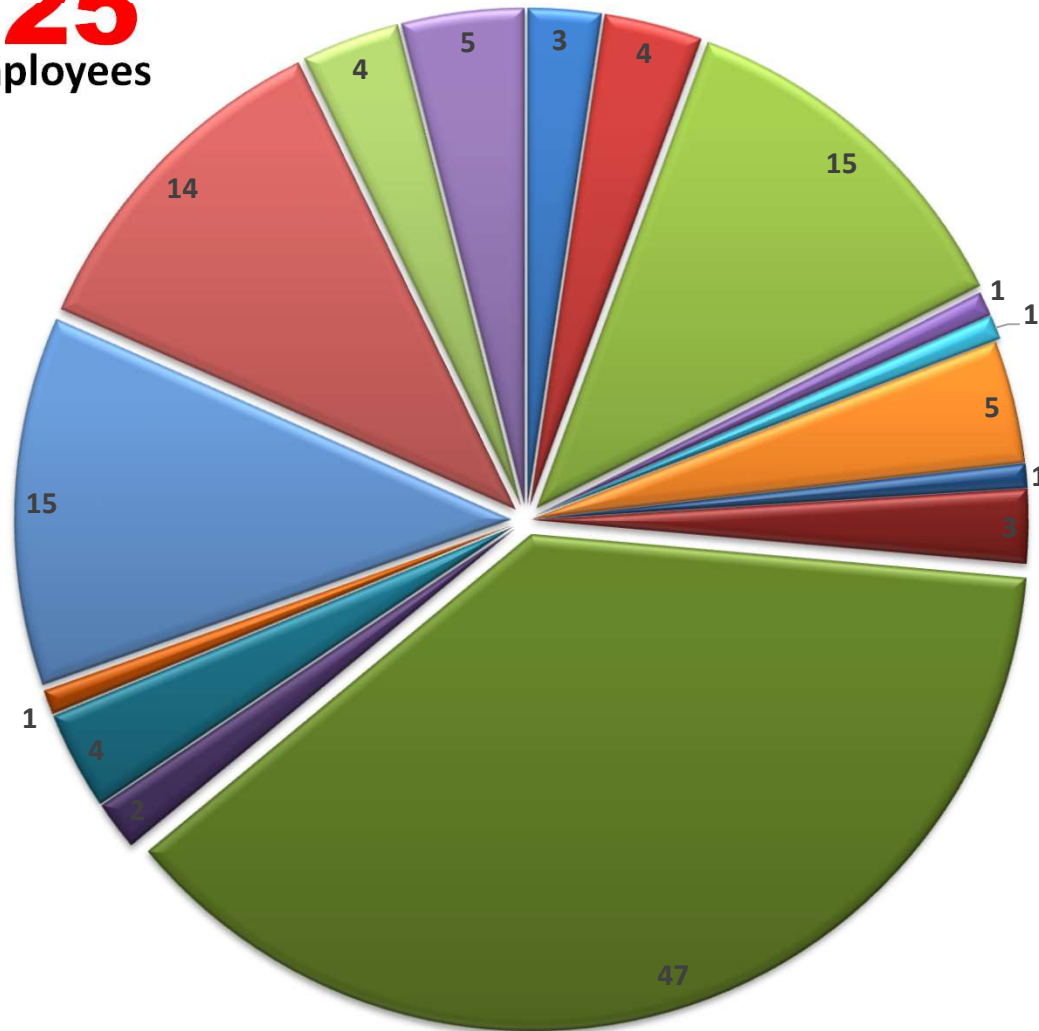
INFRASTRUCTURES



C R E A T I N G S O L U T I O N S F O R S A F E W A Y S



125
Employees



- DESIGN
- FINANCE & ACCOUNTS
- GALVANISING PLANT & ETP
- HUMAN RESOURCE
- I.T.
- MAINTENANCE
- MANAGEMENT
- PPC
- PRODUCTION
- PURCHASE
- Q.C.
- SAFETY
- SECURITY
- STORE & DISPATCH
- TOOL ROOM
- VEHICLE & MACHINERY

C R E A T I N G S O L U T I O N S F O R S A F E W A Y S



SERVICE & SUPPORT

MANUFACTURING

**INSTALLATION/
ERECTION SUPPORT**

CREATING SOLUTIONS FOR SAFE WAYS

MANUFACTURING



INSTALLATION/ERECTION SUPPORT



C R E A T I N G S O L U T I O N S F O R S A F E W A Y S



MAJOR ON-GOING PROJECTS

S. No	Project Name	Project Length	State	Completion Period	Project Value	Client
1	Wardha - Butibori NH-361	59.19 Km	Maharashtra	On Going	13.04 Cr.	National Highways Authority of India (NHAI)
2	Yavatmal - Wardha NH-361	64.925 Km	Maharashtra	On Going	15.33 Cr.	National Highways Authority of India (NHAI)
3	Chichra - Kharagpur NH-6	55.52 Km	Jharkhand	On Going	11.22 Cr.	National Highways Authority of India (NHAI)
4	Kalmath - Zarap NH-66	43.91 Km	Maharashtra	On Going	16.94 Cr	PWD, Maharashtra
5	Mahagaon - Yavatmal NH-361	80.20 Km	Maharashtra	On Going	22.95 Cr.	National Highways Authority of India (NHAI)
6	Tuljapur - Ausa NH-361	54 Km	Maharashtra	On Going	16.35 Cr.	National Highways Authority of India (NHAI)
7	Bangalore - Nidagatta NH-275	56.2 Km	Bangalore	On Going	-	National Highways Authority of India (NHAI)
8	Bhopal Metro Rail	6.225 Km	Madhya Pradesh	On Going	-	Madhya Pradesh Metro Rail Co. Limited
9	Indore Metro Rail	5.3 Km	Madhya Pradesh	On Going	-	Madhya Pradesh Metro Rail Co. Limited

MAJOR COMPLETED PROJECTS

S. No	Project Name	Project Length	Project Value	Client
1	Lucknow - Sultanpur State - Uttar Pradesh - NH-731	127.425 Km	55.13 Cr.	National Highways Authority of India (NHAI)
2	Katghora -Shivnager State - Chhattisgarh - NH-111	48 Km	11.70 Cr.	MoRT&H Government & PWD National Highway Zone of Chhattisgarh
3	Mahulia- Baharagora State - Jharkhand - NH-33	56 Km	19.72 Cr.	Ministry of Road Transport and Highways (MoRT&H)
4	Vijaywada - Machilipatnam State - Andhra Pradesh - NH-9	64.61 Km	8.21 Cr.	National Highways Authority of India (NHAI)
5	Nalagampalli - AP - Karnataka State - Andhra Pradesh - NH-69	47.687 Km	20.53 Cr.	National Highways Authority of India (NHAI)
6	Ongole - Eppurupelam State - Andhra Pradesh - NH-216	59.5 Km	8.06 Cr.	Ministry of Road Transport and Highways (MoRT&H)
7	Guna-Biaora State - Madhya Pradesh - NH-3	93.5 Km	16.32 Cr.	National Highways Authority of India (NHAI)
8	Allahabad -MP/UP Border State - Uttar Pradesh - NH-27	42.72 Km	11.95 Cr.	National Highways Authority of India (NHAI)
9	Sargaon- Bilaspur State – Chhattisgarh - NH-200	35.499 Km	10.33 Cr.	National Highways Authority of India (NHAI)
10	Kathipudi - Kakinada State - Andhra Pradesh - NH-216	26.15 Km	5.76 Cr.	Ministry of road Transport and Highways (MoRT&H)
11	Raychoti - Kadappa State - Andhra Pradesh - NH-40	51.35 Km	8.14 Cr.	Government of Andhra Pradesh Roads & Building Department National Highways Wing

S. No	Project Name	Project Length	Project Value	Client
12	Majalgoan -Kaij State - Maharashtra	57.518 Km	9.32 Cr.	Maharashtra State Road Development corporation ltd.
13	Shahkot - Mogha State - Punjab - NH-52	32.6 Km	9.44 Cr.	PWD government of Punjab
14	Ghagrabridge - Varanasi State - Uttar Pradesh - NH-233	58.62 Km	12.44 Cr.	National Highways Authority of India (NHAI)
15	Ambala - Kaithal State - Haryana - NH-65	50.86 Km	10.23 Cr.	National Highways Authority of India (NHAI)
16	Kalamb - Ralegaon State - Maharashtra SH-317	50.632 Km	7.11 Cr.	Maharashtra State Road Development corporation ltd.
17	Hassan - Ramnathpura Periyapatna State - Karnataka - SH-210	73.725 Km	7.96 Cr.	Karnataka Road Development Corporation Limited
18	Hirekerur - Ranibenur State - Karnataka - SH-76	56.427 Km	2.05 Cr.	Karnataka Road Development Corporation Limited
19	Mundargi - Hadagali - Harapanahalli State - Karnataka - SH-47	51.188 Km	3.07 Cr.	Karnataka Road Development Corporation Limited
20	Sangrur - Thapa State - Punjab- NH-07	48.13 Km	4.95 Cr.	PWD government of Punjab
21	Tarn-Taran Amritsar State - Punjab- NH-15	45.93 Km	11.36 Cr.	PWD government of Punjab
22	Mandla - Chilpi State - Madhya Pradesh -NH-12A	92.3 Km	7.56 Cr.	Madhya Pradesh Road Development Corp. Ltd

WHY AARNEEL TECHNOCRAFTS PVT. LTD.?

- One stop solution for all road & highways safety products. (Single place manufacturing)
- Qualitative products manufactured by using best grade/tested raw materials from branded manufacturers.
- Supply with all in-house controlled installation/application/erection support.
- On-site performance testing facilities for client satisfaction/approval.
- Customized products with design/material flexibility by in-house development & manufacturing as per customer/project's actual needs.
- 100 % timeline/target driven delivery.
- Special supports by our key account person for each project.

C R E A T I N G S O L U T I O N S F O R S A F E W A Y S



спасибо 谢谢
OBRIGADO 谢谢
THANK YOU
감사합니다 MERCI
DANKE धन्यवाद
شُكراً **GRACIAS**

CREATING SOLUTIONS FOR SAFE WAYS

