Sudesh Group

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ACPPL®

# Transforming Steel for a Stronger Tomorrow




ACPPL®

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**Apollo Coated Products Pvt. Ltd.**
**Plant Address:**
A-23, Industrial Area, Sikandrabad,
District Bulandshahr, UP - 203005 (India)

Website: www.apollocoated.com | email: info@apollocoated.com



**SAHIL GUPTA**
**MANAGING DIRECTOR**

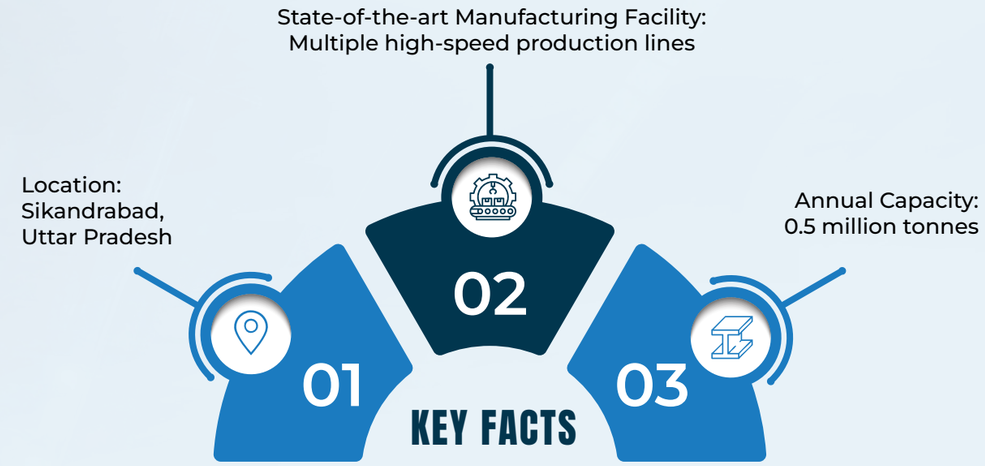
Mr. Sahil Gupta is the managing director of Apollo Coated Products Private Limited (ACPPL), bringing forward 40 years of family legacy in the steel industry. He holds a master's degree in International Business from Queen Mary University of London and combines deep industry knowledge with global business expertise. Under his leadership and a long standing family legacy in the steel industry, ACPPL benefits from strong market credibility and a forward-looking vision driven by Sahil's commitment and expertise.



## ABOUT US

Apollo Coated Products Pvt. Ltd. (ACPPL) is a leading manufacturer and supplier of high-quality flat steel products, committed to transforming steel into smarter, stronger, and more sustainable solutions.

Rooted in legacy, ACPPL is built on a foundation of innovation, durability, and trust.




## ADVANCED LINES FOR:

| | | | |
|---|---|---|---|
| Hot Rolled Pickled & Oiled (HRPO) Coils and Slits | Cold Rolled Full Hard (CRFH) Coils and Slits | Cold Rolled Close Annealed (CRCA) Coils and Slits | Hot-Dipped Galvanized (GP) Coils and Slits |

We serve industries including infrastructure, construction, engineering, consumer goods, and automotive, delivering performance-driven steel solutions.

## QUALITY AND INFRASTRUCTURE

Inspired by a long-standing legacy, we see quality not just as a measure of performance but as a commitment to excellence and trust.

Every coil we produce is built with an unwavering focus on strength, precision, and superior finish, ensuring consistent performance and long-lasting reliability across applications and global markets.

Equipped with advanced technology, precision-driven operations, and sustainable systems, ACPPL ensures every product meets the highest global benchmark.

## MANUFACTURING EXCELLENCE

At ACPPL, our process combines cutting-edge technology and precision engineering for superior steel coils.

**Push-Pull Pickling Line:**
Removes rust, scale, and impurities for a smooth surface, engineered for efficiency and a premium finish.

**5 Stand Cold Rolling Mill:**
Reduces steel to precise thickness with outstanding flatness and surface quality, ready for industrial applications.

**Annealing Furnace (CRCA):**
Softens CRFH coils to improve their ductility and formability with batch annealing.

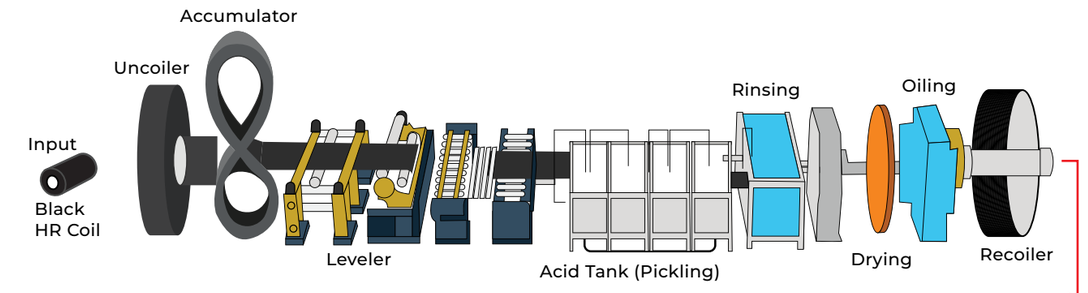
**Continuous Galvanizing Line**
Applies uniform zinc coating for excellent corrosion resistance and extended service life, meeting domestic and international standards.



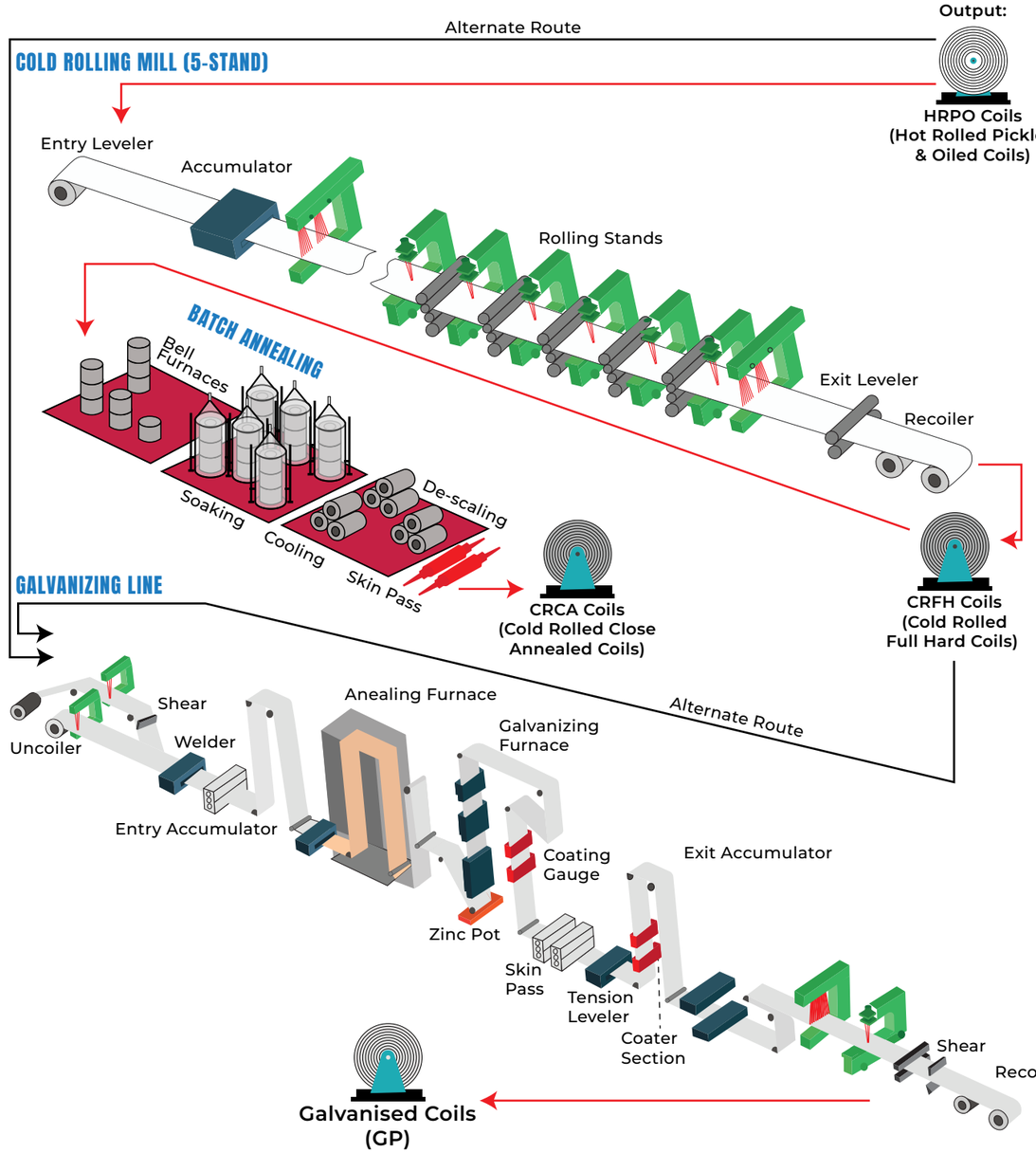


## PRODUCTION PROCESS

### PICKLING LINE




### COLD ROLLING MILL (5-STAND)




### GALVANIZING LINE

# OUR PRODUCTS

## 1. HOT ROLLED PICKLED AND OILED (HRPO) COILS AND SLITS

- Scale-free, oil-coated steel that offers improved workability and clean surface quality.
- Uses: Pipes, tubes, structural fabrication, AC compressors and hinges.
- Why ACPPL: Customised sizes as per customer requirement.

| Hot Rolled Pickled Oiled Coils & Slits | Product Specifications |
|---|---|
| Thickness | 1.6 – 3.0 mm |
| Width | 100 mm – 750 mm |
| Max Coil Weight | 16 t |
| Coil ID | 508 mm |
| Surface Finish | Metallic |



## 2. COLD ROLLED FULL HARD (CRFH) COILS AND SLITS

- High-strength cold rolled steel with excellent surface finish for further processing
- Uses: Automotive frames, stamping, precision components, home appliances and purlin (hot-dipped)
- Why ACPPL: Exceptional flatness and dimensional accuracy for various applications.

| Cold Rolled Full Hard Coils | Product Specifications |
|---|---|
| Thickness | 0.3 – 3.0 mm |
| Max Coil Width | 100 mm – 750 mm |
| Max Coil Weight | 16 t |
| Coil ID | 508 mm |
| Surface Finish | Shiny Metallic |
| Thickness Accuracy | Automatic Gauge Control (AGC) ±0.005mm |



***Size and thickness can be customized as per requirements.**



# OUR PRODUCTS

## 3. COLD ROLLED CLOSE ANNEALED (CRCA) COILS AND SLITS

- Soft, ductile steel with a smooth finish for ease of forming and fabrication.
- Uses: Tubes, automotive parts, stamping, appliances, cycle rims and fan blades.
- Why ACPPL: High-strength performance for long-lasting protection.

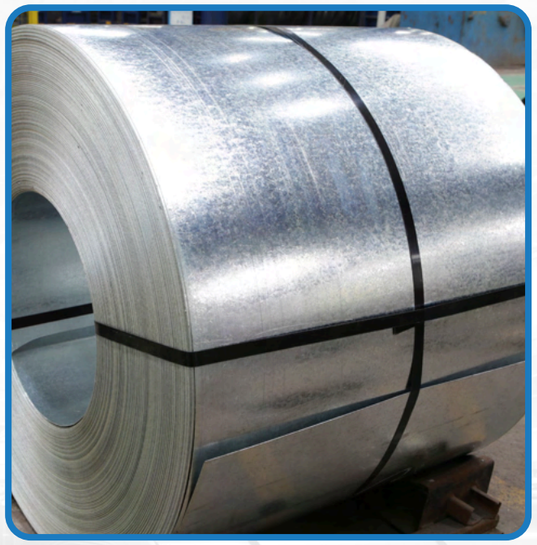
| Cold Rolled Close Annealed Coils | Product Specifications |
|---|---|
| Thickness | 0.3 – 2.00 mm |
| Width | 100 mm – 750 mm |
| Max Coil Weight | 16 t |
| Coil ID | 508 mm |
| Surface Finish | Bright/matt as per requirement |



## 4. HOT DIPPED GALVANIZED COILS AND SLITS

- Steel coils coated with zinc for superior corrosion resistance and extended durability.
- Scale-free, oil-coated steel that offers improved workability and clean surface quality.
- Uses: Pipes, tubes, structural fabrication, roofing and solar, automobile, cable tray, purlin, profiles and *chaukhat*.
- Why ACPPL: Customised sizes as per customer requirement.

| Hot Dipped Galvanized Coils & Slits | Product Specifications |
|---|---|
| Thickness | 0.3 – 3.00 mm |
| Width | 100 mm – 750 mm |
| Max Coil Weight | upto 16 t |
| Coil ID | 508 mm |
| Surface Finish | Spangle/skin passed as per requirement |
| Zinc Coating | 80 – 275 gsm$^2$ |



***Size and thickness can be customized as per requirements.**

## GALVANIZED COILS AND SLITS PRODUCTS CHARACTERISTICS

**Dimensions:**

| | |
|---|---|
| Thickness: | 0.3 – 3.0 mm |
| Width: | 100 – 750 mm |
| Inner Dia.: | 508 mm |
| Outer Dia.: | 1900 mm max |
| Weight: | Up to 16 t |

Grades: G300 / G350 / G450 / G550

Surface Conditions: Galvanized normal spangled / suppressed or crushed spangle / skin passed

Coating Mass: Galvanized - Z80 / Z120 / Z180 / Z275 (Total Both Sides)

Post Treatment: Chromated / thin organic coated ($CR^{+}3/CR^{+}6$)

## TECHNICAL SPECIFICATIONS

| Product Name | Hot Dipped Galvanized Coils & Slits |
|---|---|
| Reference Standard | IS 227 |
| Thickness Range (TCT) mm | 0.3 to 3 mm |
| Width Range (mm) | 100 to 750 |
| Zinc Coating Grade (GSM) | Z 80 to Z 275 |

| Properties of Steel Base (Other Steel Base Possible on Agreement) | | | | | |
|---|---|---|---|---|---|
| **Element** | **Chemical Composition (% max)** | | | | |
| | **GP300** | **GP350 Class-1** | **GP350 Class-2** | **GP450** | **GP550** |
| Carbon (C) | 0.25 | 0.25 | 0.25 | 0.2 | 0.20 |
| Manganese (Mn) | 1.35 | 1.35 | 1.35 | 1.35 | 1.40 |
| Phosphorus (P) | 0.05 | 0.05 | 0.05 | 0.04 | 0.030 |
| Sulphur (S) | 0.035 | 0.035 | 0.035 | 0.03 | 0.030 |
| Aluminium (Al) | 0.02 – 0.07 | 0.02 – 0.07 | 0.02 – 0.07 | 0.02 – 0.07 | 0.02 – 0.07 |

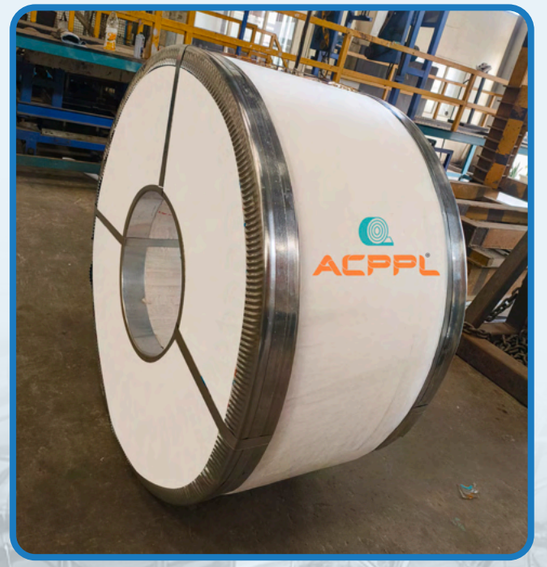
| Available Dimension Range & Tolerances | | | |
|---|---|---|---|
| **Base Metal Thickness (mm)** | | **Width (mm)** | |
| **Thickness Range** | **Tolerances** | **Range** | **Tolerance** |
| 0.3 – 3.0 mm | ±0.06 | 100 – 750 | +2/-0 |
| Surface Treatment | Chromated (ideally even coatings of 20 – 40 mg/m² total on both sides) is normally applied to all galvanised material | | |
| Video Jet Printing | MPA/GSM/MM | | |
| Spangle Type | Regular spangle / minimized spangle / suppressed or crushed spangle | | |
| Finish Surface | Bright metallic appearance | | |
| Flexibility and Coating Adhesion | Bend tests as per IS 277 | | |
| Properties | Providing a barrier between the steel and the environment through galvanic protection | | |
| Applications | Widely used in PEB, structural steel, cladding, purlin and colour coating | | |



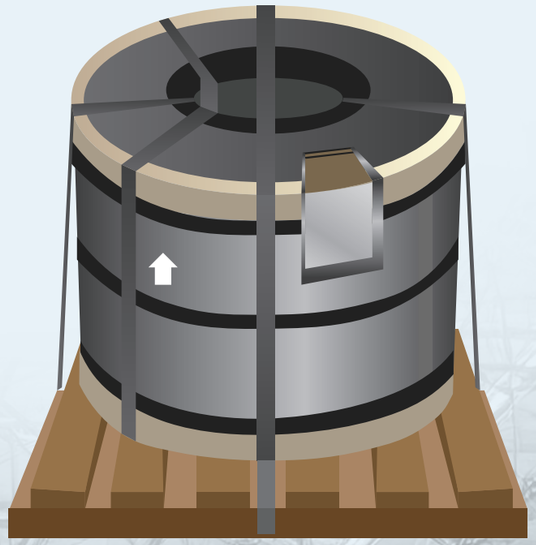
| Grade Wise Mechanical Properties | | | | |
|---|---|---|---|---|
| **Thickness Range** | **Tensile Test** | | **Bend Test (Mandrel Diameter 180°)** | |
| | **YS (Mpa) Min** | **UTS (Mpa) Min** | **% El @ GL – 50 mm*** | **YS (Mpa) Min** |
| YS300 | 300 | 400 | 20 | 3 t |
| YS 350 Class 1 | 350 | 420 | 13 | 3 t |
| YS 350 Class 2 | 350 | - | 13 | 4 t |
| YS 450 | 450 | 480 | 9 | 4 t |
| YS 550 | 550 | 570 | - | 4 t |

## COIL PACKAGING

Each coil is wrapped with HDPE sheets, stretch films and edge-protected. Metal band strapping ensures secure binding of the entire package and secure transit. Protective steel & ring (GI ID/OD) to shield the edges and maintain coil integrity. This packing ensures water resistance, an aesthetic look, and better management during handling and transportation.




Standard Packaging



Eye to Sky Pallet

## TESTING FACILITY

ACPPL steel passes through stringent quality tests



Universal Tensile Testing Machine



Spectrometer




Salt Spray Cabinet



Pencil Hardness Tester



Vickers Hardness Tester



Erichsen Cupping Tester (Digital)

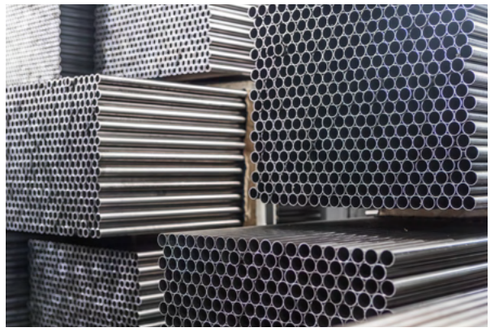


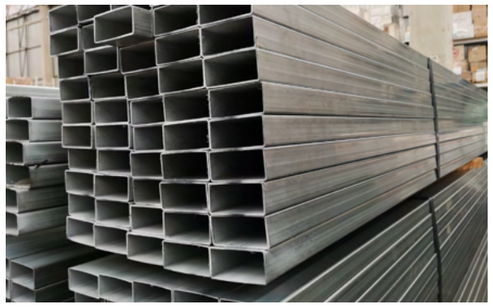
Rockwell Hardness Tester



## APPLICATIONS

ACPPL steel serves multiple industries and end uses:

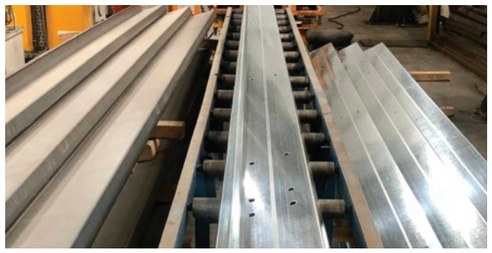




Pipes and Tubes Manufacturing



Highway Guardrails



Strut Channel



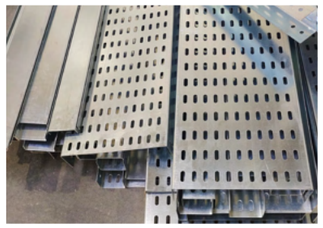
C Purlin



Z Purlin



U Purlin



Cable Trays



Furniture



Solar Structures