



**Ekvira**  
**BLACK CED**

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**SHRI EKVIRA INDUSTRIES**  
**CED COATING PLANT**  
**SURVEY NO. 154/3 , VILHOLI ,**  
**NASHIK.**

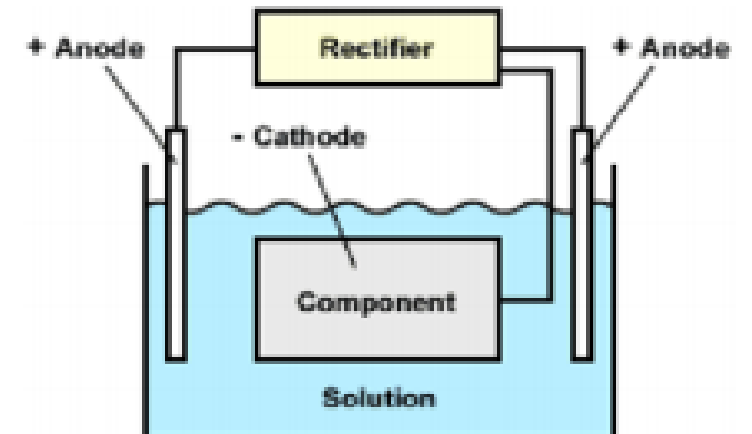


## WHAT IS CED COATING



Cathodic Electro Deposition (CED) is a process of coating an object having a conductive surface connected to a circuit as the cathode, by positively charged paint particles suspended in aqueous medium, under direct current.

A combination of dip and spray ensures the reach of paint at every corner of component having intrinsic shape as well.



## WHAT ARE THE BENEFITS OF CED COATING :

- HIGH CORROSION PROTECTION TO EVERY CORNER OF PART,
- UNIFORM COAT THICKNESS STRUCTURE
- VERY GOOD ADHESION BEHAVIOUR
- USEFUL FOR ANY TYPE OF PART GEOMETRY.
- ECONOMICAL FOR ALL TYPE OF METAL PARTS.

## ABOUT US

### **FOUNDER AND MANAGING DIRECTOR : VAIBHAV JOSHI**

A associate company of Painting and Coating systems groups managed by a team of professionals of around Twenty four years experience in field of surface coating. We value our customers and Endeavour to offer the best in finishing business like paint shops, Injection Molding, Packaging, Irrigation extrusion, flexi tube.

### **OUR COMPANY IS :**

Mahindra And Mahindra Approved CED plant .

Certification : ISO9001.

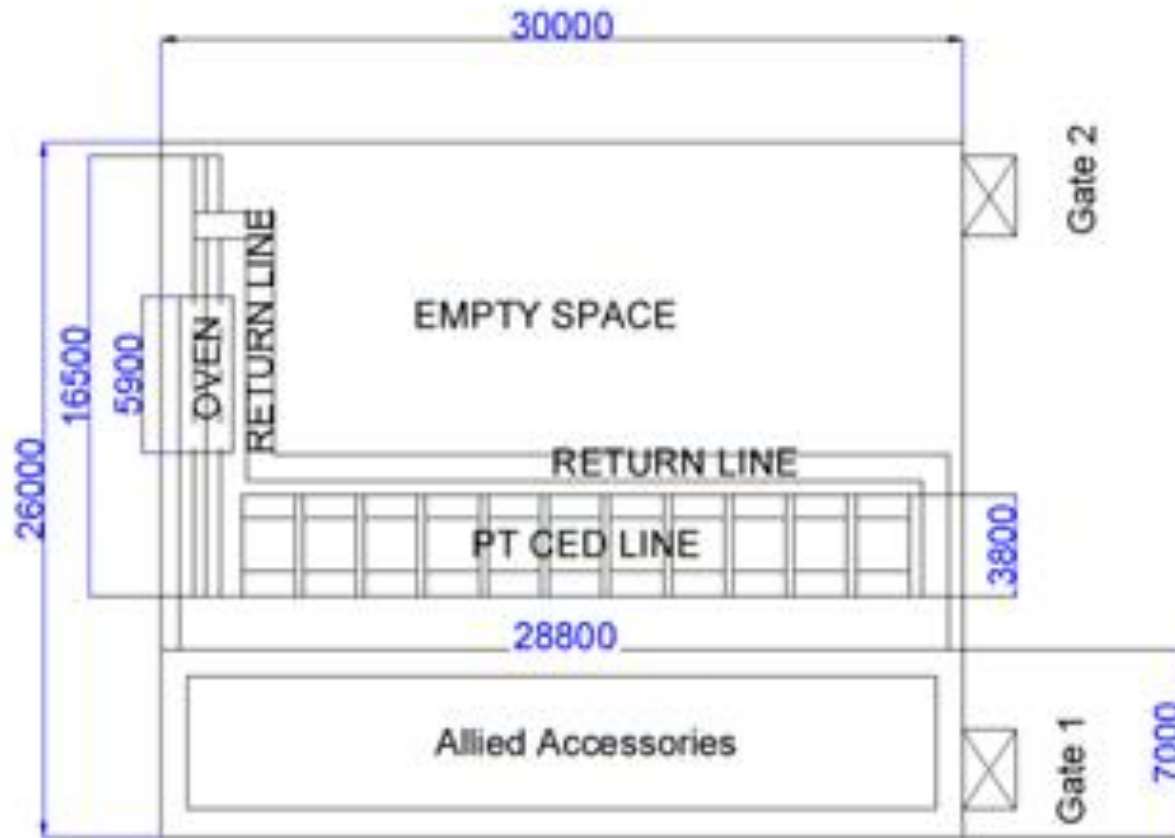
### **PAINT SYSTEM :**

Paint System used : Asian PPG Black CED.

Area wise- we currently posses a capacity to coat 4000Sq. mtrs/ day... Apparently 1 lakh Sq mtrs a month

Company posses a covered storing area of 2000 Sq mtrs. and 1500 sq mtrs. Parking area for logistics movement

## LAYOUT



# INFRASTRUCTURE





## RESULT

- Substrate: CRS
- Pretreatment: Tri- cationic zinc phosphate
- Film thickness: 18 - 20 microns





Sr no.	Description of test	Test Method	Performance Data
1.	Gloss at 60 Deg. Head	ASTMD 523	60 – 75 %
2.	Pencil Hardness	ASTM D3363	2H Minimum
3.	Crosshatch Adhesion	ASTM D3359	4B – 5B (1 mm * 1mm). Passes 100 %
4.	Direct Impact	ASTM D2794	100 in-lb Minimum
5.	Reverse Impact	ASTM D2794	60 in-lb Minimum
6.	Humidity	ASTM D1735	1000 Hours Minimum
7.	Water Soak	ASTM D870	1000 Hours Minimum
8.	Gravelometer	GM9508P	6 Minimum
9.	Throw power	GM9535P Ford Box	12 – 15 inches Min 21 Cms.
10.	Salt spray Test	ASTMB 117 – Neutral	Passes Min 1200 hrs. Creep width Max 3.0 average. No blisters / corrosion spots
11.	Scab corrosion resistance	GM9511P	Passes 20 cycles. Creep width Max. 2.0
12.	Chip resistance	SAE J400	4B (50-74 chips, 1-3mm diameter)
13.	Cyclic corrosion test	FLTM BI 123-03 ASTM D 610	Passes 20 cycles

**CONTACT US :**

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**PLANT MANAGER :**

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