



## KP Engineering Industries

Factory : Plot No. 3/B. IDA Phase I, Pashamyalam, Sangareddy - 502307.

Ph : 8106397526, 9705082058  
Email : kpengg5050@gmail.com, pnkepwork@gmail.com

### Our Products

we are specializing in the manufacturing of chemical process equipments and structural works for PEB, Receivers, Heat exchangers, Reactors, Storage tanks (SS & MS), Leaf filters, Pressure Nutche filters, Vacuum Trap (MS) Beams, Columns & Trusses for PEB Structures



### TECHNO SERVICES Surface Treatment Chemical MFG.

Plot No. 242, G.I.D.C., Kabilpore, Navsari - 396 424.  
Ph: 9924559751, 9705082058.



## PnKep Tech Solutions

# 6-67/1/A, Chitkul Vill, Patancheru Mdl, Sangareddy Dist, T.S.  
Cell : 9705082058, E-mail : pnkepwork@gmail.com

*One Stop for all Electro Polishing Applications*

*Whatever your application, Design, engineering, manufacturing and precision needs. We can provide proven solutions*

**PROVEN SOLUTIONS  
TOTAL QUALITY  
COMPLETE SATISFACTION**

Pnkep Tech Solutions(PNK) was established in 2014 in Hyderabad - INDIA. Pnk is a service provider for Electropolishing & buffing of High Quality Pharmacy Processing Equipment & Food Processing equipment. We constantly seek better ways to Service and reach in response to full fill the customer needs across the India .

### OUR VISION

To Become a Leading through Innovation, quality and safety consciousness, Being Eco friendly, Delivering Highest Standards, Maximizing customer's satisfaction.

### OUR MISSION

To use extensive knowledge in codes and standard, our customer relationship technical skills, delivery precision and customer satisfaction.

### OUR GOALS

To meet our customer expectation with regard to outstanding service, unrivalled quality and superior value while continually growing our business and maintaining the financial health of our company

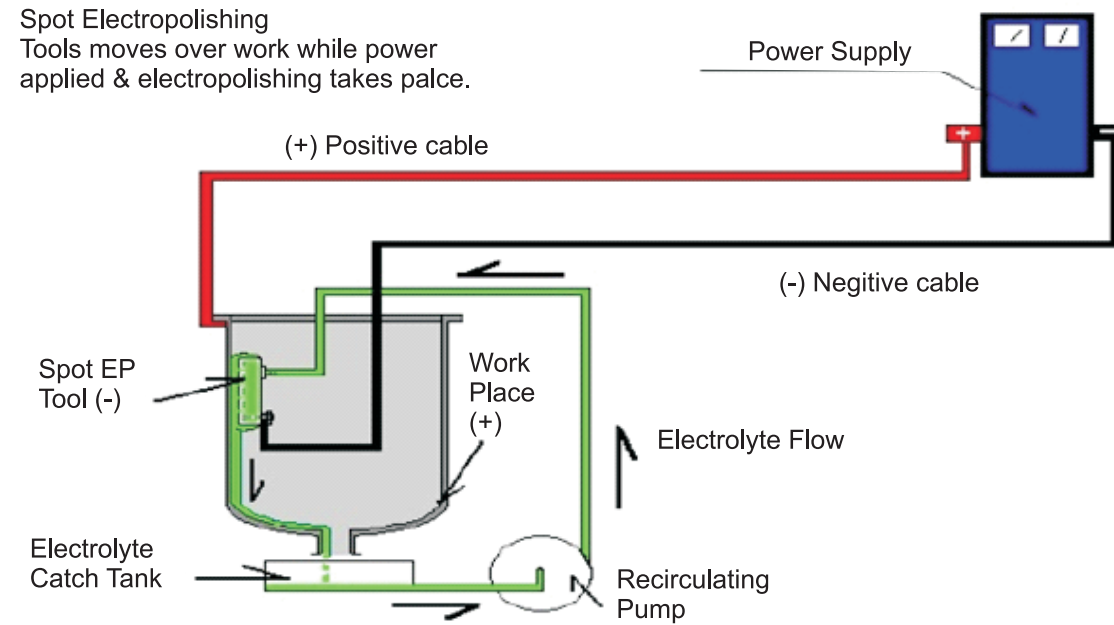
**Our Groups of Companies :  
Techno Services &  
KP Engineering Industries**

**Trust to shine**

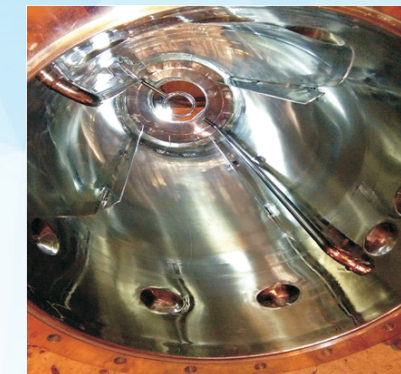
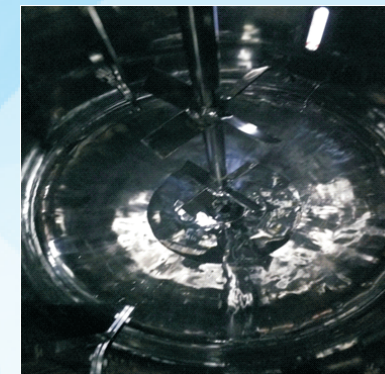
## Electropolishing; How it works

### Spot Electropolishing

Tools moves over work while power applied & electropolishing takes place.



## Standards & Reference ASTM "B912"



## ELECTROPOLISHING

Special arrangements have been proposed for the polishing of individual portion of surface and, in particular, for the finishing of weld seams. One of these arrangements takes the form of a special contact head which acts as the cathode. It consists of a copper frame with aperture. The lower portion of the frame is covered with special fabric, which is clamped down upon the upper surface of the frame by means of the plate. The negative terminal of the current source is connected to the contact head by means of the contact bolt, the positive terminal of the current source being connected to the work. A continuous supply of the polishing solution is fed through the rubber hose and the pipe to the inside of the cathode from where it flows through the special fabric and wets the surface of the anode in use, the cathode is moved slowly over the portion of the it is required to polish.

## BENEFITS OF ELECTROPOLISHING

- Better Physical appearance
- No fine directional lines from abrasive polishing
- Excellent light reflection and depth clarity
- Bright, smooth polish, uniform luster of shaped parts
- Less friction and surface drag
- Increased production and duty cycles in process equipment.
- Enhanced mechanical properties
- Electropolishing greatly reduces fouling plugging scaling and product build-up
- Surface retains the true grain structure and properties of the bulk metal
- Fatigue strength is not reduced Electropolishing allows the true fatigue strength of a part to be accurately determined
- Higher fatigue strength can be promoted by particle-blasting the surface to reintroduce compressive stress without losing

## Our Clients


Trust to shine

Trust to shine