

# HPKV METAL FINISHERS PVT LTD

ANODZING, CONVERSION COATING, PASSIVATION FOR  
AEROSPACE, DEFENCE AND OTHER INDUSTRIES

NO:797, THIRUVALLUR HIGH ROAD, ANDERSONPET VILLAGE, NEMAM,

[www.hpkv.in](http://www.hpkv.in) CHENNAI – 600124.

AS9100 D CERTIFIED  
ISO 9001:2015 CERTIFIED

# CAPABILITIES

## ANODIZING



HARD COAT  
ANODIZING

SULFURIC ANODIZING

COLORED ANODIZING  
(BLACK, YELLOW, RED,  
BLUE)



# CAPABILITIES



CONVERSION  
COATINGS ON  
ALUMINIUM



YELLOW  
CHROMATION

CLEAR  
CHROMATION



# OTHER CAPABILITIES

- PASSIVATION FOR STAINLESS STEEL
- TITANIUM PASSIVATION



# SPECIFICATIONS WE CAN VALIDATE

## ANODIZING

- MIL A 8625 (TYPE II & TYPE III) (CLASS I & II)
- ISO 7599
- AA-15 (ZIM FLUGSITZ)
- ALSTOM NT 0436
- IS 1868:2006
- ISO DIN: EN 12373 AND
- AND MANY MORE...,



# SPECIFICATIONS WE CAN VALIDATE

## CONVERSION COATINGS ON ALUMINIUM

- MIL – DTL-5541 (TYPE I & TYPE II)
- MIL –DTL-81706 (TYPE I & TYPE II)
- GE -46-221814
- ASTM B449-93 AND
- ETC ...,



# SPECIFICATIONS WE CAN VALIDATE

## PASSIVATION

- ASTM A 967 (SS PASSIVATION) (Nitric acid methods)
- QQ-P-35C.



# MARKETS

- AEROSPACE AND DEFENCE





# MARKETS

- OPTICS,
- SURGICAL MICROSCOPES



# MARKETS

- INDUSTRIAL GEARS AND AUTOMOTIVE COMPONENTS



# MARKETS

- ENERGY & HEAVY EQUIPMENTS

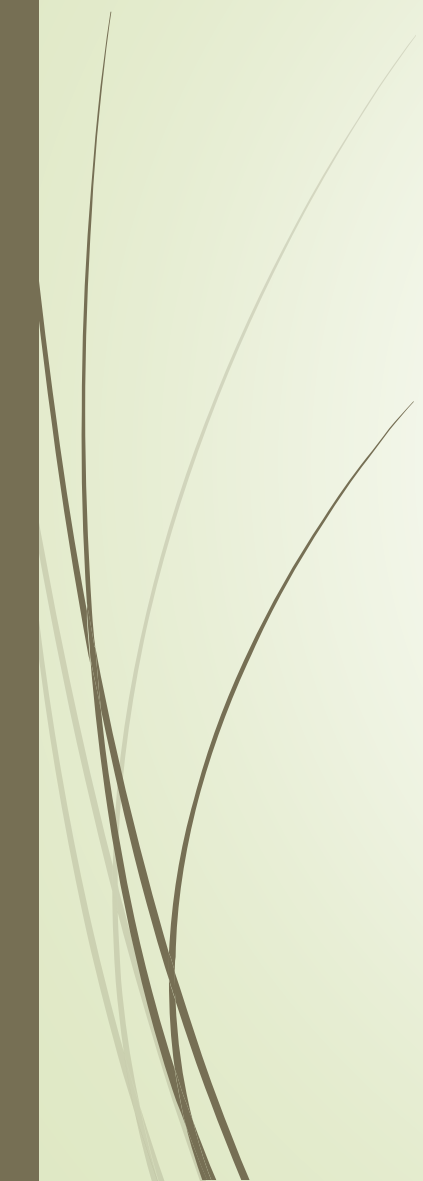


# MARKETS

- INDUSTRY APPLICATIONS,
- ELECTRONICS AND COMMUNICATIONS.



# OTHER MARKETS WE SERVE

- MOLDS, TOOLS AND DIES,
  - MACHINERY AND MANUFACTURING
  - LABORATORY AND METROLOGY
  - PRECISION MACHINING
  - AEROSPACE
  - RAILWAYS
  - MEDICAL EQUIPMENTS
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# FACILITIES



- Anodizing tank size 2m x 2m x 1m
- Hard Anodizing tank size 1m x 1m x 1m
- Chiller with cooling efficiency of 30TR.
- Rectifier 3 nos – 1) 50 V, 500A. 2) 50V, 500A. 3) 24V, 1000A.
- Separate line for chromate conversion coatings
- Compressor for air blowing
- Memmert type hot air oven for hot drying.
- Jib crane with lifting capacity of 500kgs.



# QUALITY



- We have dedicated team of quality persons for incoming and final inspection with graduation background and give proper training to perform their current duties.
- We have our internal laboratory to control our process parameters and monitoring.
- We use Fischer dual scope MPOR coating thickness gauge for measurement of anodizing layer. (Made In germany)

# QUALITY CERTIFICATIONS

➤ AS 9100 D



Adobe Acrobat  
Document

➤ ISO 9001: 2015



Adobe Acrobat  
Document





# STATUTORY COMPLIANCES

- TNPCB AIR AND WATER CONSENT UPTO MAR 2027.
- HAZARDOUS WASTE AUTHORIZATION UPTO MAR 2025
- FACTORY LICENSE
- GST
- FIRE SERVICE LICENSE
- ESIC AND PF



# OUR TEAM

- Total no of employees – 28
  - Quality – 8
  - Managers – 3
  - Maintenance - 2
  - Admin – 3
  - Technician - 6
  - Operators – 5
  - Laboratory - 1
- 



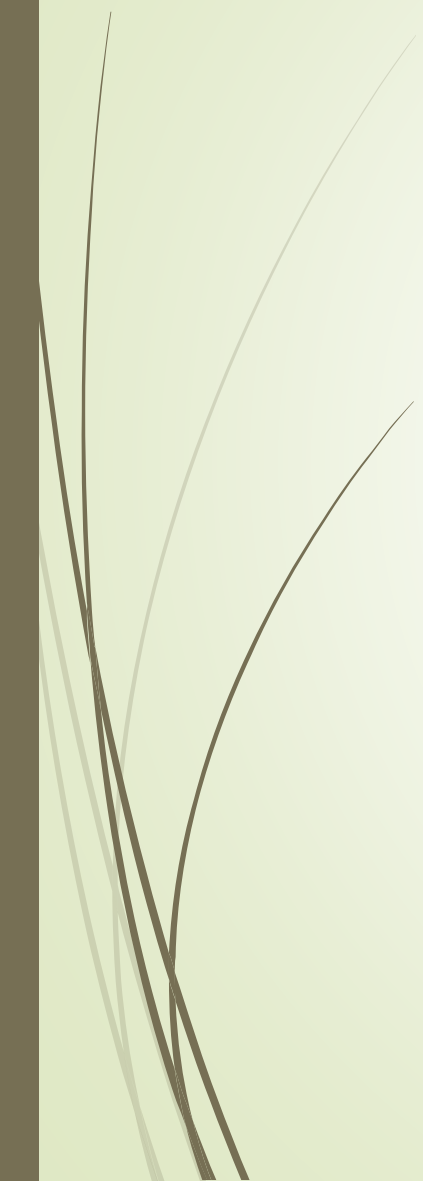
# OUR VALUED CUSTOMERS



- GE INDIA (PADAPPAL).
- AVALON TECHNOLOGIES AND SERVICES PVT LTD.
- SRI VARI INDUSTRIES. (RAILWAYS FAIVELEY)
- URJITHA ELECTRONICS PVT LTD.
- AUTOBAHN MOTOR PRODUCTS PVT LTD.
- DELLNER INDIA PVT LTD.
- ENGINEERING AIDS (DEFENCE)
- CHENNAI METCO PVT LTD.
- WABCO INDIA LTD
- TADPOLE ENGINEERING CONSULTANCY PVT LTD
- ROOTS INDUSTRIES (MEDICAL).
- VEER O METALS PVT LTD.
- KARMEN INTERNATIONAL PVT LTD.
- VIOLIN TECHNOLOGIES PVT LTD.



# UPCOMING ACTIVITIES

- AUTOMATIC ANODIZING LINE WITH 2M X 0.6M X 1M  
BY AUGUST 2024
  - LIQUID PAINTING AND POWDER COATING SETUP  
BY SEPTEMBER 2024
  - NADCAP CERTIFICATION FOR SPECIAL PROCESS  
BY MAR 2025
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THANK YOU