



## **Arc Spray Process**





ALDON TECHNOLOGIES SERVICES PTE LTD

### Company Location & Services

# The factory with floor area of 30,000 square feet, is located at 20 Loyang Lane, Singapore and consist of the following facilities:

- Advance Surface Coatings
  (Plasma & Arc Coating, Anodization)
- Chemical Cleaning System
- Semi-Con Equipment Parts
- LCD Equipment Parts & Cleaning
- Consumables Parts Supply,
  Inventory & Management
- Repair Services
- Refurbishment
- Valve repair and servicing







### Arc Spray Equipment

#### ALDON TECHNOLOGIES SERVICES PTE LTD



**Cleaning Line** 



Chiller



**Automatic Blasting Machine** 



Hi Pressure Water Jet



**Arc Spray** 



Cleanroom







Arc Spray is a process that uses an electric arc to melt wires. The molten metal is then atomized with compressed air to create a spray stream that applies the coating onto the surface being sprayed.







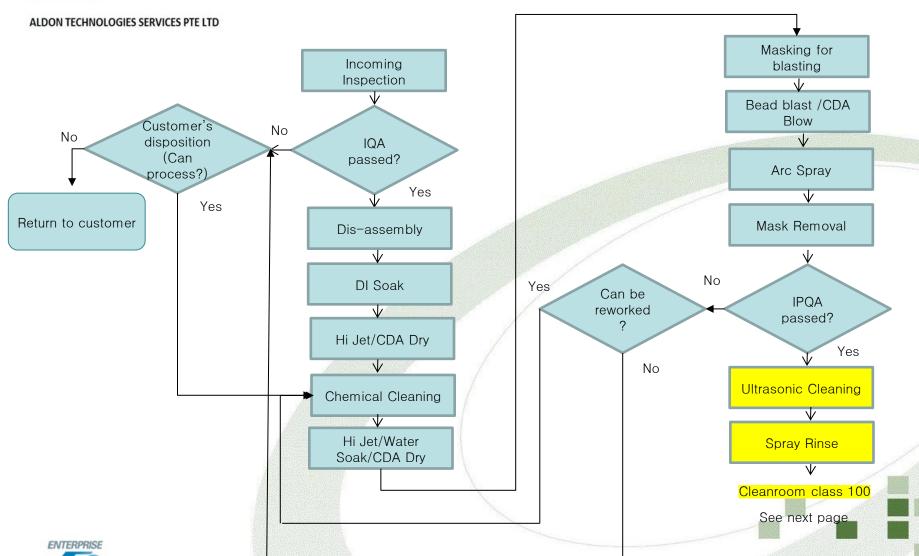


- Metallization Arc Spray Machine.
- Capable of spraying Aluminum, Tungsten Carbide etc coating material. Working dimensions 2.0m (L) x 1.5m (W) for automated process.
- Fully automated to ensure consistent and reliable process.
- We spray with Al2O3 material exclusively to ensure no contamination.





### Cleaning and Arc Spray Flow



Aldon Proprietary Information



### **ATS Quality Management**

#### ALDON TECHNOLOGIES SERVICES PTE LTD





**Coating Thickness Meter** 

**Breakdown Voltage** 

**Roughness Check** 





**Clean-room Assembly** 

**Vacuum Packing** 



Aldon Proprietary Information



#### ALDON TECHNOLOGIES SERVICES PTE LTD

#### **ISO 9001 Certificate**



#### **CERTIFICATE**

The Certification Body of TÜV SÜD PSB Pte Ltd

certifies that

#### ALDON TECHNOLOGIES SERVICES PTE LTD

20 Loyang Lane Singapore 508919

has established and applies a Quality Management System for

Provision of Chemical and Surface Treatment Services for Process Equipment used in Electronics Industry (See Appendix to Certificate for Details)

> Proof has been furnished that the requirements according to

> > ISO 9001: 2015

are fulfilled. The certificate is valid from 2022-11-04 to 2025-11-07 Certificate Registration No. 2007-2-1614 Date of Print : 2022-11-04



CERTIFICAT

CERTIFICADO

**NONKAT** 

CEPT

CERTIFICATE







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Please refer to <a href="https://www.turs.ud.com/en-sq">www.turs.ud.com/en-sq</a> for current certificate status in the \*Directory of Management System Certified Companies\*.

TÚV SÚD PSB Pte Ltd ◆ 15 International Business Park Singapore 609937

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