

Hydro

ATS



Steel



Thermal Power



Paper



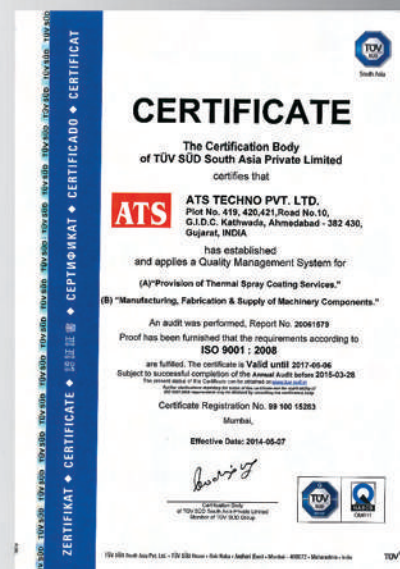
Refinery

Component Manufacturing
Metal Spray Coatings
Repairs & Refurbishment

Company History



- 1992 Startup Year for Surface Coatings and Repair Business
- 1998 Commenced metal spraying for paper mill rolls & cylinders.
- 2000 Trademarks established for three proprietary coatings in Paper Industry.
- 2002 Started Thermal spraying in steel plant components.
- 2004 Company status changed from partnership firm to Pvt. Ltd. Co. Obtained ISO 9001-2008 certification.
- 2005 Started surface coatings & repairs in Chemical Industry.
- 2006 Signed 10 years Technology Transfer agreement with Tocalo Co. Japan.
- 2006 Import substitute component developed for Chemical & Steel Industry.
- 2006 Installed Acoustic Spray Booth for Robotic Coating (13x4.5x 4.3)mtr.
- 2007 Developed surface coating for Hydro Turbine Components (Guide Vanes) for NHPC (Salal & Dhauliganga projects).
- 2008 Started In-situ coating application on Boiler Tube for CFBC & PF boiler.
- 2008 Obtained first Order for Pelton Runner Repair & Coating.
- 2008 Contracted with WRI-BHEL (Trichy) for training our technicians & supervising weld repair of Pelton Runner.
- 2008 Started coatings for hydro turbine OEM (BHEL-Koldam Project).
- 2009 Started In-Situ Coating for Columns and Vessels in Oil refineries.
- 2010 Construction of Unit-II commenced.
- 2010 First order received from Voith Hydro for HP/HVOF coating.
- 2011 Special Spray Booth (9 X 8 X 4.5) mtr Installed for Hydro Turbine coating with JP-5000 HP-HVOF Coating system
Kuka Robot 60Kg Pay load capacity
Turn Table of Cap. 50 Tons (Dia. 6800 mm)
- 2011 Started manufacturing steam turbine components with TS coating.
- 2011 Received first order from Alstom Hydro for robotic coating of Francis runner, Guide vane, Labrynth Ring.
- 2013 Company Name Changed to "ATS TECHNO Pvt. Ltd.
- 2014 Advance Testing lab under construction.



Plant & Facility



Accoustic Spray Booth (13 x 4.5 x 4.3)mtr



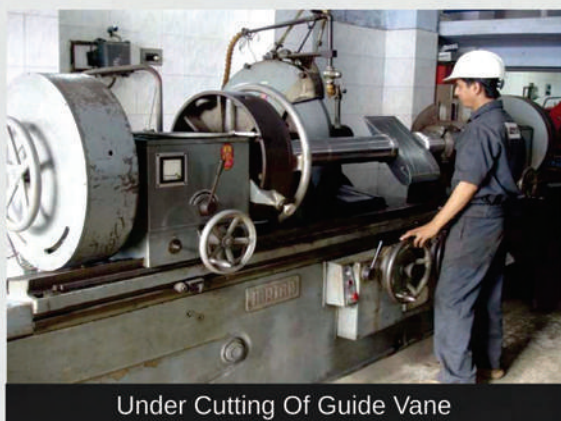
Robotic HP-HVOF Coating



Spray Booth (9 x 8 x 4.5) mtr



Turn Table (Ø 6800mm - Cap. 50 Tons)



Under Cutting Of Guide Vane



Pinhole Inlay Machine



Cylindrical Grinder(Ø 1.0 x 6.0) mtr



Automatic Blasting Chamber(6 x 3.5 x 4) mtr

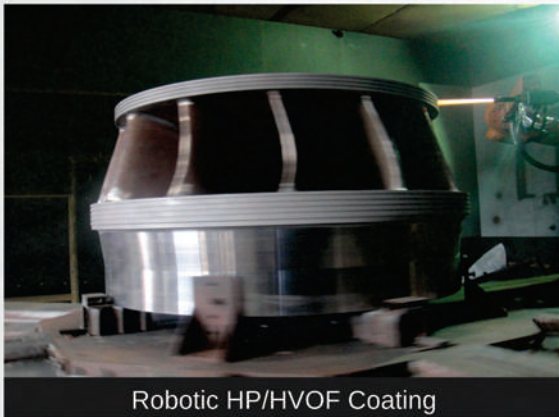
Francis Runner



HP/HVOF Coating by Dual System



Robotic HP/HVOF Coating



Robotic HP/HVOF Coating

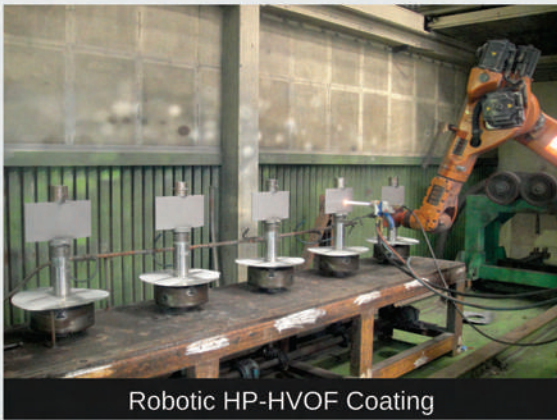


Runner Unloading by EOT Crane

HP-HVOF Coating by dual coating system on 50 Ton Turn Table



Guide Vane



Robotic HP-HVOF Coating



Coating Inspection by Japanese Engineer



Visual Inspection by TOCALO Engineers



Sealant Application



TC Coated Guide Vanes



Dimensional Inspection



Pinhole Filling by Pinhole Inlay Machine



Inspection by ATS Technicians

Pelton Runner



Welder Qualification by WRI BHEL



Bucket Repair by Welding



Pinhole Filling by Pinhole inlay Machine



Robotic HP-HVOF Coating

Rebuilding & Bucket Profile Inspection by ATS





On-Site Coating on Labyrinth Ring



In-Situ HVOF Coating on Pivot Ring



HP-HVOF Coating on Cheek Plate



HP-HVOF Coating on Labyrinth Ring

Leak test on manufactured & Coated Needle Seat Ring by ATS



ATS TEAM



Our Customers

- | | |
|-----------------------------|---------------------------|
| ⇒ NHPC Ltd. | ⇒ Alstom India Ltd. |
| ⇒ SJVN Ltd. | ⇒ BHEL |
| ⇒ Malana Power Company Ltd. | ⇒ Flovel Energy Pvt. Ltd. |
| ⇒ A D Hydro Power Ltd. | ⇒ Voith Hydro Pvt. Ltd. |
| ⇒ Everest Power Pvt. Ltd. | ⇒ Polyplex Hydro Group. |



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