



*Welcome to
Spacenix Aero Private Limited*





SPACENEX

- ~ Formed by Cluster of Innovative Engineers*
- ~ 22,000 Sq ft - state-of-the-art-facility*
- ~ One stop solution for both machining & Surface Treatments*
- ~ Full fledged advanced quality infrastructure*
- ~ Wide range of Surface treatment facility*
- ~ In-house lab & testing facilities*

About Spacenix

Spacenix is a AS 9100 Rev D & NADCAP Certified company having one stop shop for high precision manufacturing solutions & surface treatment activities serving industries across Aerospace, Defence & General engineering;



SPACENEX

Certifications

AS 9100 Rev D

Certificate of Registration



This is to certify that the Quality Management System of:

SPACENEX AERO PRIVATE LIMITED

Plot # 13, Hi-tech Aerospace and Defense Park, KIADB Industrial Area, Battaramarahalli, Devanahalli, BANGALORE, 562110, INDIA

applicable to:

Manufacture of Precision machined components, Special Processes including NDT, Anodizing, Chemical Conversion, Passivation, Electroless Nickel Plating, Electro Plating and Painting for aerospace and industrial applications

has been assessed and registered by NQA against the provisions of:

AS9100D & BS EN ISO 9001:2015

in accordance with the requirements of EN 9104-001:2013. This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA.

Managing Director



Certificate No:	600016
ISO Approval Date:	27 September 2018
ASCS Approval Date:	27 September 2018
Issue Date:	27 September 2021
Expiry Date:	26 September 2024
EAC Code:	21, 17
Site Structure:	Single Site

NADCAP



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

SPACENEX AERO PRIVATE LIMITED

Plot #13, Hitech Aerospace and Defense Park, KIADB INDUSTRIAL AREA Bhatramarahalli, Bangalore, KA 562110 India

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Chemical Processing

Certificate Number: 18854205164
Expiration Date: 31 May 2022
Accreditation Length: 12 Months

David L. Schutt, PhD
President

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

Merit



This certificate is granted and awarded by the authority of the Nadcap Management Council to:

SPACENEX AERO PRIVATE LIMITED

Plot #13, Hitech Aerospace and Defense Park, KIADB INDUSTRIAL AREA Bhatramarahalli, Bangalore, KA 562110 India

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

NonDestructive Testing

Certificate Number: 18854206238
Expiration Date: 28 February 2023
Accreditation Length: 18 Months

David L. Schutt, PhD
President

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

Merit

Merit



Salient Facts

- ⊕ *Strategic presence in Aerospace park, next to Bangalore International Airport*
- ⊕ *Experts in cutting General & exotic metals (Waspalloy, Nickel, Titanium., etc)*
- ⊕ *Technical expertise in Machining, Project management, Quality, NDT & Surface treatment*
- ⊕ *Experts in turn key projects, & sub assemblies*
- ⊕ *Re-investment capability / Well funded firm*





SPACENEX

Machining & QA Facilities

MACHINE Type	MAKE	No. of Machines 10 nos	Spindle RPM	ENVELOPE in mm			
				Dia	X	Y	Z
TURNING	DOOSAN	1	4500	300	550	----	----
	LMW	1	4500	165	480	----	----
TURN MILL	DOOSAN	1	4500	300	510	----	----
MILLING - 3 Axis	DOOSAN	2	8000	----	800	450	510
MILLING - 3 Axis	MAPLE	1	10000	----	800	450	510
MILLING - 3 Axis	TAKUMI	1	10000	----	600	450	510
MILLING - 4 Axis	HASS VF - 2	1	8000	----	800	450	510
	SUAYUD	1	8000	----	700	400	460
MILLING - 4 Axis (CRADLE BASE- POSITIONAL)	TAKUMI	1	10000	----	1000	500	520

ERP = **Our Sys**

CMM (Carl Zeiss) = 1 No

Programming Software

VMS (**Rapid I**) = 1 No

= **Solid CAM**

All Advanced Equipments (Mahr Made)



SPACENEX

Shop Floor, Quality, Stores





SPACENEX

NADCAP Approved Chemical Processing facilities

- ⊕ *NDT*
 - ⊕ *MPI*
 - ⊕ *FPI*
- ⊕ *Chem Conversion Coating*
- ⊕ *Anodizing*
 - ⊕ *Chromic Acid*
 - ⊕ *Sulfuric Acid*
 - ⊕ *Boric Sulfuric*
- ⊕ *Passivation*
- ⊕ *Cadmium Plating*
- ⊕ *Silver plating*
- ⊕ *Zinc Nickel Plating*
- ⊕ *Zinc plating*
- ⊕ *ENP on Ferrous & Non Ferrous*
- ⊕ *Painting (Polyurethane)*
 - ⊕ *Primer & Top coat*
 - ⊕ *Dry Film Lubricant*
- ⊕ *Abrasive Blasting (Alumina Grit)*





SPACENEX

Tank Dimensions

PROCESS	TANK DIMENSIONS IN MM
CHEMICAL CONVERSION COATING	600 L x 800 W x 1000 H
PASSIVATION	600 L x 800 W x 1500 H
CHROMIC ACID ANODIZING	600 L x 800 W x 1000 H
SULPHURIC ACID ANODIZING	600 L x 800 W x 1000 H
BORIC SULPHURIC ACID	600 L x 800 W x 1000 H
SILVER	450 L x 600 W x 600 H
CADMIUM	450 L x 600 W x 600 H
ZINC-NICKEL	450 L x 600 W x 600 H
ZINC	450 L x 600 W x 600 H
ELECTROLESS NICKEL	450 L x 600 W x 600 H
PRIMER	3 MTR x 3 MTR
TOPCOAT	3 MTR x 3 MTR



SPACENEX

Testing Capabilities

- ⊕ Salt Spray Chamber
- ⊕ Hyd Embrittlement
- ⊕ Humidity Chamber
- ⊕ XRF & Eddy current Thickness tester
- ⊕ Adhesion Testing
 - ⊕ Bend & Brake Test
 - ⊕ Cross hatch Tester
 - ⊕ Wet & Dry Adhesion
- ⊕ Coating Weight Test
- ⊕ Copper Sulphate Test
- ⊕ Gloss Meter
- ⊕ Etch Rate





NDT & Lab





SPACENEX

Special Process Approvals

PROCESSES	APPROVALS							
	AS 9100 & NADCAP	COLLINS	RAFAEL	ELBIT (ELOP)	IAI (MBAT)	PRATT & Whitney	EATON	THALES
MPI	√	√	----	----	√	----	√	----
FPI	√	√	----	----	√	----	√	----
Chem Conversion Coating	√	√	√	√	√	----	√	√
Chromic Acid	√	√	√	√	√	----		----
Sulfuric Acid	√	√	√	√	√	----	√	√
Passivation	√	√	----	√	√	----	√	----
Cadmium Plating	√	√	√	----	----	----		√
Silver Plating	√	√	----	----	----	√		----
Zinc Nickel Plating	√	√	√	----	----	----		----
Zinc Plating	√	√	----	----	----	----		----
Electroless Nickel Plating on Steel & Aluminum	√	√	√	----	√	----		----
Painting (Polyurethane)	√	√	√	√	√	----		√
Primer & Top coat	√	√	√	√	√	----		√
Dry Film Lubricant	√	√	√	√	----	----	√	

Our Customers





Why us ?

- ⊕ *Client Focus*
- ⊕ *Quality*
- ⊕ *On Time Delivery*
- ⊕ *Commitment*
- ⊕ *Integrity*
- ⊕ *Affordable*
- ⊕ *Scalability*





Thank You



CONTACT US:

13, Hi-Tech Aerospace & Defence Park | KIADB Industrial Area
Bhatramarenahalli | Devanahalli | Bangalore – 562110 | Karnataka

Guruprasad. K

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