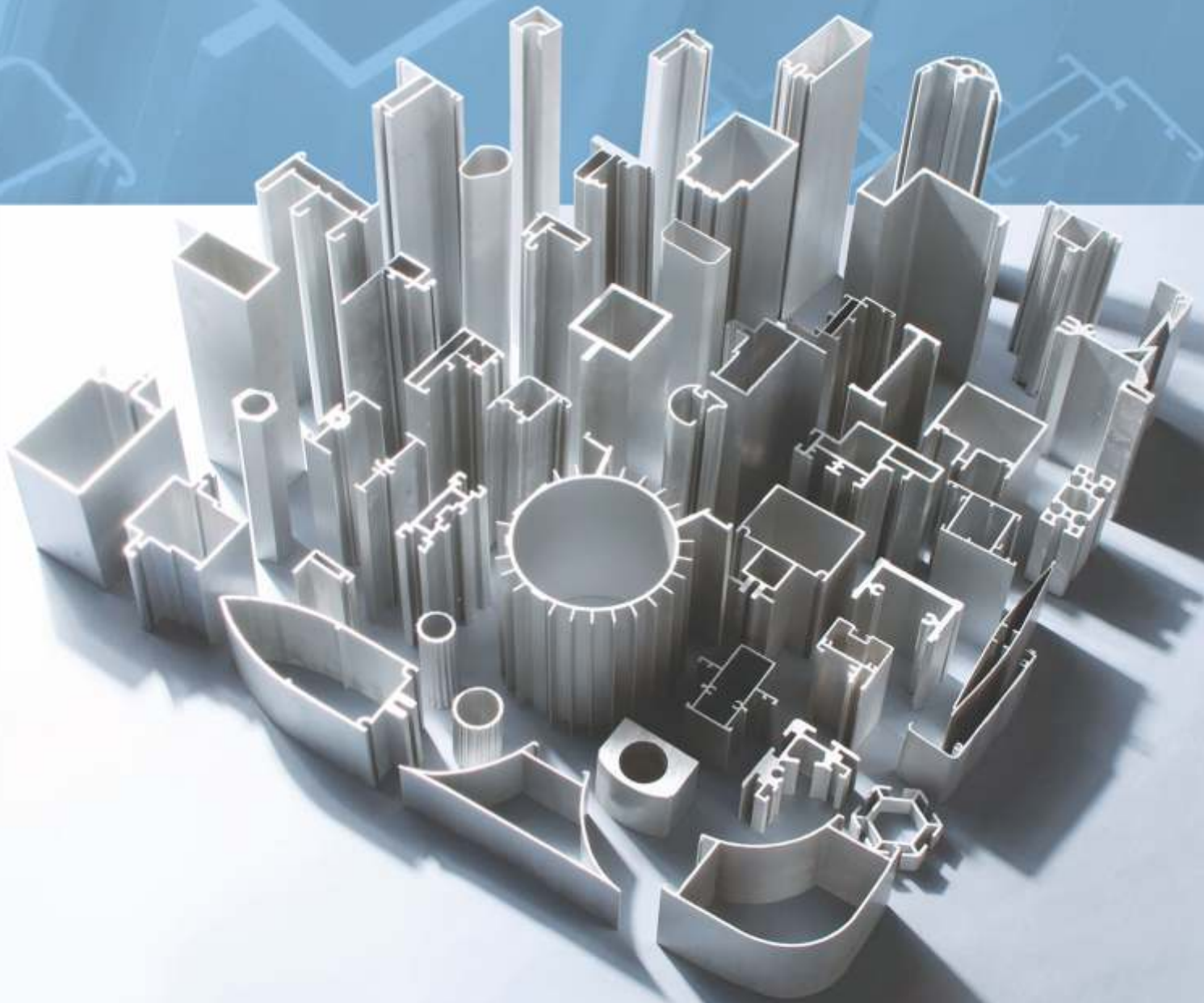


MULTI^{DIMENSIONAL} EXCELLENCE



AGARVANSHI ALUMINIUM LTD.
An ISO 9001:2008 Company



Our Vision

To consistently endeavor to meet diverse customer requirements; to stretch our resources and enhance our skills to compete on a global platform in terms of quality, reliability, versatility and support.

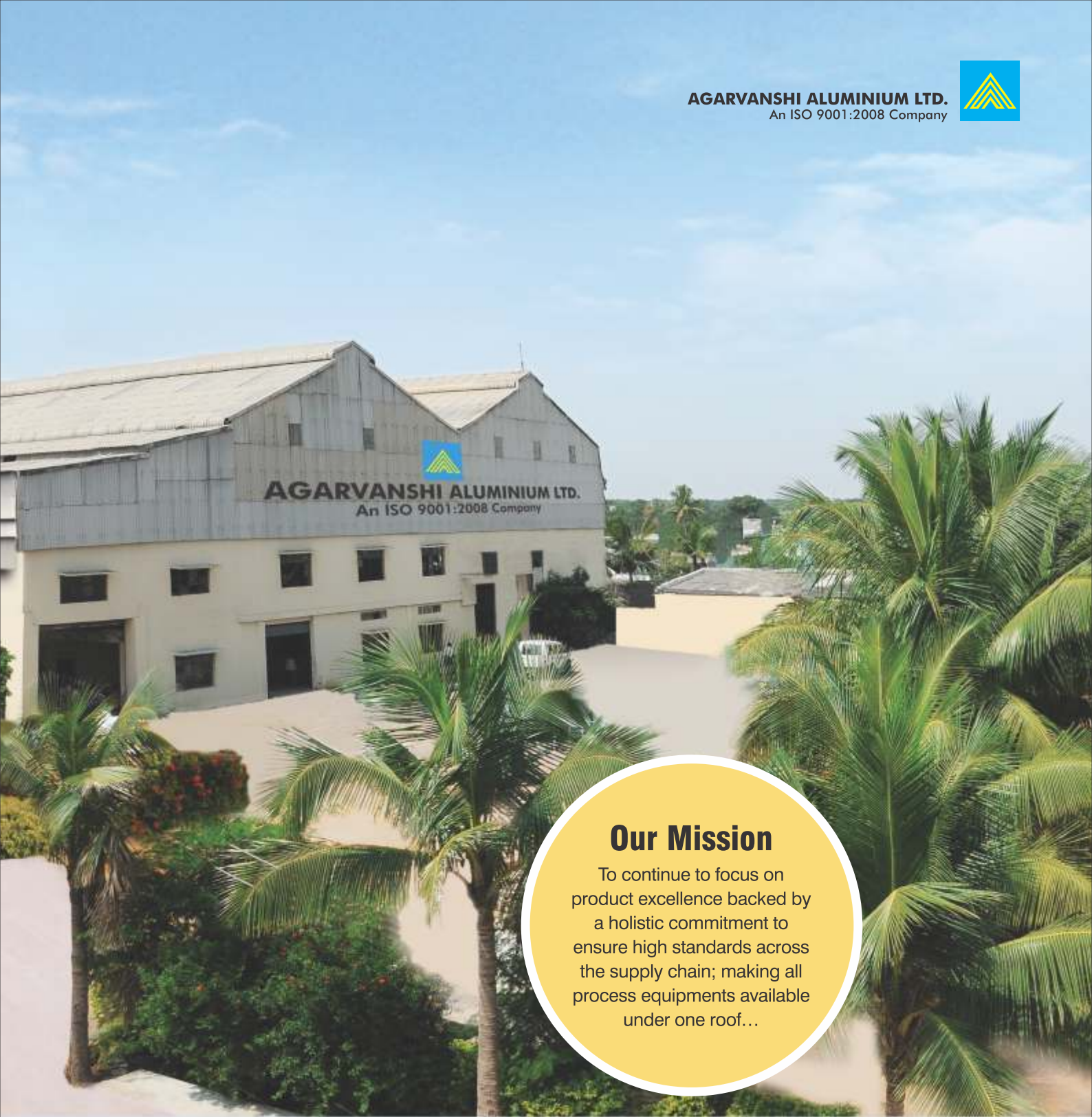
Overview

“AGARVANSHI ALUMINIUM LIMITED” is a well diversified business group with an impressive track record of growth oriented success in manufacturing a very wide variety of profiles.

Agarvanshi Aluminium Ltd. is a new-age professional enterprise driven by passion and backed by more than a decade of experience in the business of manufacturing Aluminium Extrusions. Our deep-seated commitment to quality is the core strength of our team that is continually pursuing upgradation of

technology with an aim to develop a niche as a manufacturer of special extrusions for high end applications.

Our forte lies in manufacturing Aluminium Extrusions to the exact specifications of the world's most quality conscious users including multinational organizations in Information Technology, Pharmaceuticals, Rail and Roadways, to name a few. Our products find application in architectural infrastructure, solar systems, electrical transmission,



Our Mission

To continue to focus on product excellence backed by a holistic commitment to ensure high standards across the supply chain; making all process equipments available under one roof...

electronics, industrial and engineering related areas and we have a large satisfied customer base in India and overseas. Our marketing and technical team offers comprehensive services through a single source, bringing world-class quality products with an unstinted customer support.

Our team continuously keeps pace with varied technical aspects of customer requirements, to provide tailor made products, suiting their specific needs. Once we understand the application of the

extrusion / product, we recommend the appropriate mix of alloys and design.

The Company, equipped with the state of the art manufacturing and testing facilities is complying to customer needs with a very wide range of products. Our infrastructure includes a complete in-house foundry, tool room, extrusion lines and anodising line completely backed with a testing lab equipped with latest technology giving us an unmatched edge in ensuring customer delight that reassures **Multidimensional Excellence at its best!**



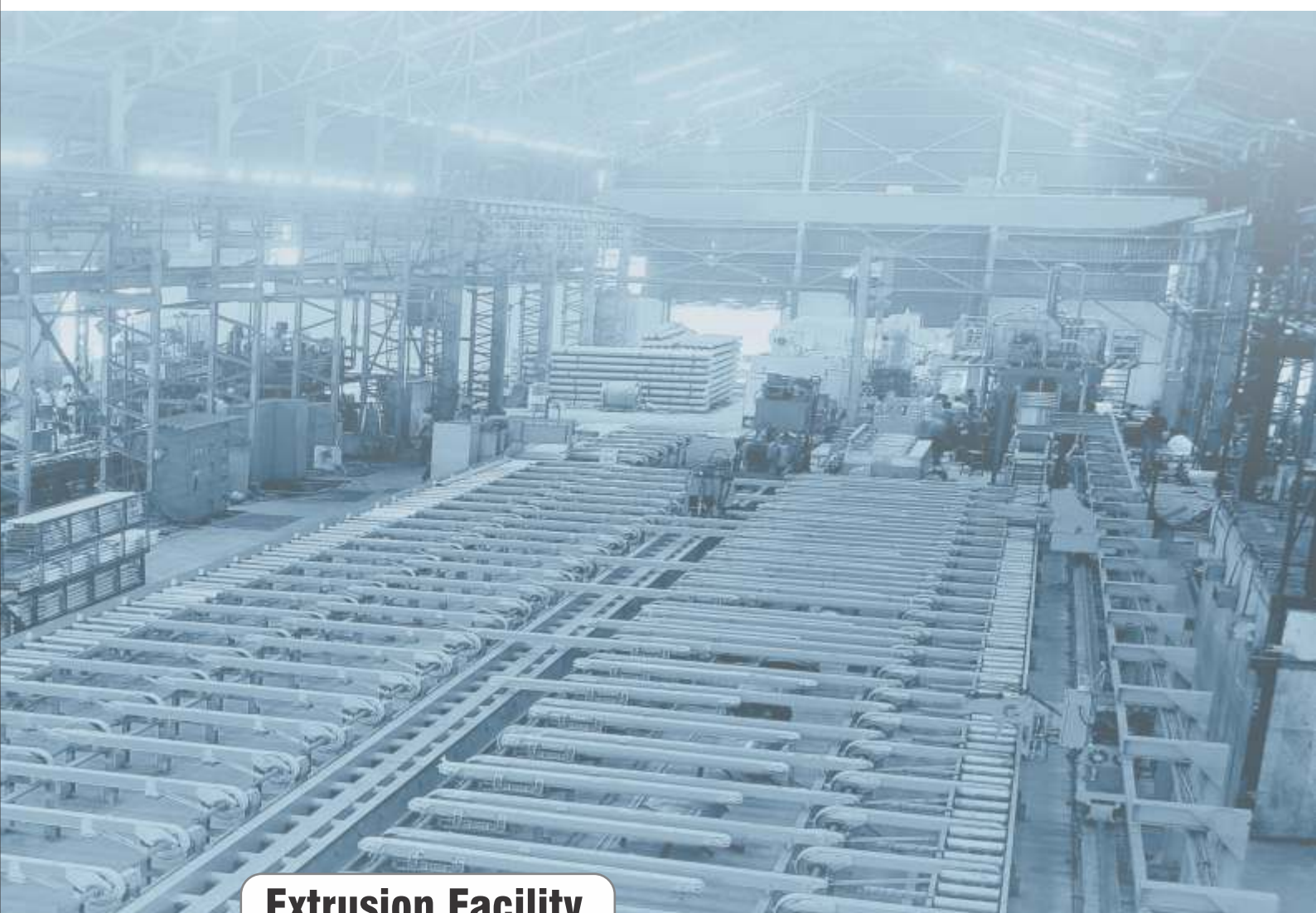
2500 UST Production Line



Extrusion Press 1450 UST



Double Puller



Extrusion Facility

- Three imported extrusion presses - 2500 UST, 1450 UST & 880 UST - backed with PLC controls.
- Solid Profiles of CCD upto 350mm and Hollow Profiles of CCD upto 250mm can be extruded.
- Temperature controlled gas fired Hot Log Shear synchronized to feed the required billet size to the press automatically.
- Extrusion Presses are equipped with automatic puller
- Conveyor belt handling system; totally eliminating manual interface for scratch free surface finishes.
- The new production line of 2500 UST press is equipped with double puller and specially designed automatic quenching system suitable for hard alloys.



Foundry

Foundry is equipped with imported HOT-TOP continuous log casting machine for producing billets of 4.5", 6", 8" & 9" dia of various 6000 series alloys.

Our expert metallurgical team is completely aware about the technology involved in casting harder alloys like 6005, 6061, 6082 etc., making them suitable for extruding intricate profiles.

ALLOY EQUIVALENT

International		Canada	Europe	Germany	UK	Italy	India
International registration AA (USA)	ISO	Alcan Abbreviation	As Abbreviated in EN-AW Std	Abbreviation as per DIN	Abbreviation as per BS	Abbreviation as per UNI	As Per New BIS
1050	Al99.5	1S	EN-AW 1050A	Al99.5	1B	P-Al99.5	19500
1070	Al99.7	99.7	EN-AW 1070A	Al99.7	-	P-Al99.7	19700
1080	Al99.8	99.8	EN-AW 1080A	Al99.8	1A	P-Al99.8	19800
1350	E-Al99.5	C1S	EN-AW 1350	E-Al99.5	1E	-	19501
3003	AlMn	D3S	EN-AW 3003	AlMnCu	N 3	P-AlMn1.2Cu	31000
6005	AlSiMg	C51S	EN-AW 6005	-	-	-	62400
6005A	AlSiMg(A)	-	EN-AW 6005A	AlMgSi0.7	H10	-	-
6060	AlMgSi	50S	EN-AW 6060	AlMgSi0.5	H9	P-AlMgSi	63400
6061	AlMg1SiCu	65S;	EN-AW 6061	AlMg1SiCu	H20	P-AlMg1SiCu	65032
6063	AlMg0.7Si	50S	EN-AW 6063	AlMgSi0.5	H19	P-AlSi0.4Mg	63400
6082	AlSi1MgMn	B51S	EN-AW 6082	AlMgSi1	H30	P-AlMgSi	64430
6101	E-AlMgSi	D50S	EN-AW 6101	E-AlMgSi0.5	91E	P-AlSi0.5Mg	63401



Tool Room

Full fledged tool room for die manufacturing supported by Auto-CAD design system .

The tool room is equipped with latest version of CNC wire cut and spark erosion EDM machine for manufacturing dies with accuracy.

All dies are nitrited in gas nitriding furnace to improve the hardness of the dies providing better surface finish of extruded profiles.

Advanced correction tools used for the maintenance of dies.



Anodising

Automated anodizing plant offering anodised extrusion in various finishes & colours as per customer requirements, specification for Anodic Coating on Aluminum alloys IS:1868 BSEN 12373-4, ISO 3210.



Inspection Lab

Our advanced lab is fully equipped with spectro meter for testing various alloys of incoming raw material as well as WIP and finished products.

All extruded profiles are subjected to various non destructive and destructive tests in various equipments like UTM, Rockwell, Brinel and Webster Hardness Tester, Conductivity Meter etc.,

Extrusion Quality Standards

DIMENSIONS TOLERANCES:

IS: 2673
IS: 3965
IS: 6477
DIN-17615
BS:EN-12020-2

Chemical and Mechanical Properties:

IS:733
IS:1285
IS:5082
ASTM: B221M-02
ASTM: B308/B, 308M-02
EN 573-4(Chemical Properties)
EN 755-2(Mechanical Properties)



Quality Policy

“AGARVANSHI ALUMINIUM LIMITED” is committed to strive for providing flawless products to the complete satisfaction of the customer in every aspect of its business by continual quality improvement, accurate process measurement and intensive employee involvement at all levels.



Products Overview



Aluminium Facades & Cladding

Agarvanshi Aluminium is manufacturing, developing and supplying Aluminium Extrusions as per international quality standards for All types of Facade systems required for latest and modern architectural building designs.



Aluminium Doors & Windows

Agarvanshi Aluminium also offers wide range and varieties of doors & window series and profiles to suits all kind of projects from raw houses to highrise buildings, extrusions are produced as per ASTM and EN Standards with Euro Grooves.



Aluminium Formwork

Agarvanshi Aluminium has developed extrusions for a broad range of Formwork applications, from straightforward panels to complicated structures involving bay windows, stairs and A/C hoods to suits modern structural designs.



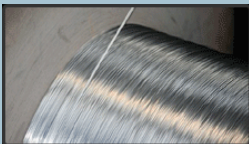
Aluminium Scaffolding & Ladders

Agarvanshi Aluminium also manufactures versatile and lightweight aluminium frame scaffolding systems suitable for light duty access applications which is modular in nature and simple to erect with special grade of Alloys.



Transport (Rail / Road / Marine / Aviation)

Agarvanshi Aluminium is supplying Aluminium Extrusions to all type of transport segment in public and private sector and adding to growth in nation building, aluminium is now widely used in cars, buses, coaches, lorries, trains, ships, ferries, aircraft and bicycles.



Electrical transmission & distribution

Agarvanshi Aluminium is approved by POWER GRID CORPORATION OF INDIA LIMITED and supplying extrusions in power sector successfully. Being a good conductor of electricity, aluminum has been gradually replacing copper in the power transmission sector. Given the same weight of the metal aluminium is twice as good in electrical conductivity when compared to copper



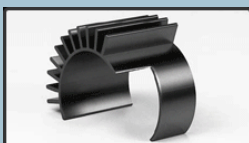
Interior and furniture

Agarvanshi Aluminium provides a wide range of profiles used for interiors, furniture, bathrooms, shower cubicles, office modular furniture, modular kitchens. louvers , domestic ladders etc



Solar

Agarvanshi Aluminium offer a wide range of customized Extruded profiles that are used to build frames for solar thermal and photovoltaic panels - heating water or turning solar energy into electricity.



General Engineering

Agarvanshi Aluminium is catering to various engineering industries namely Automobile, Automation, Aviation, Defense, Electrical, Electronics, Home appliances, Textile, Aluminum Extrusions are used in various industries

Committed towards...

Providing the best quality products and services.

Manufacturing products of the highest standards at a competitive price.

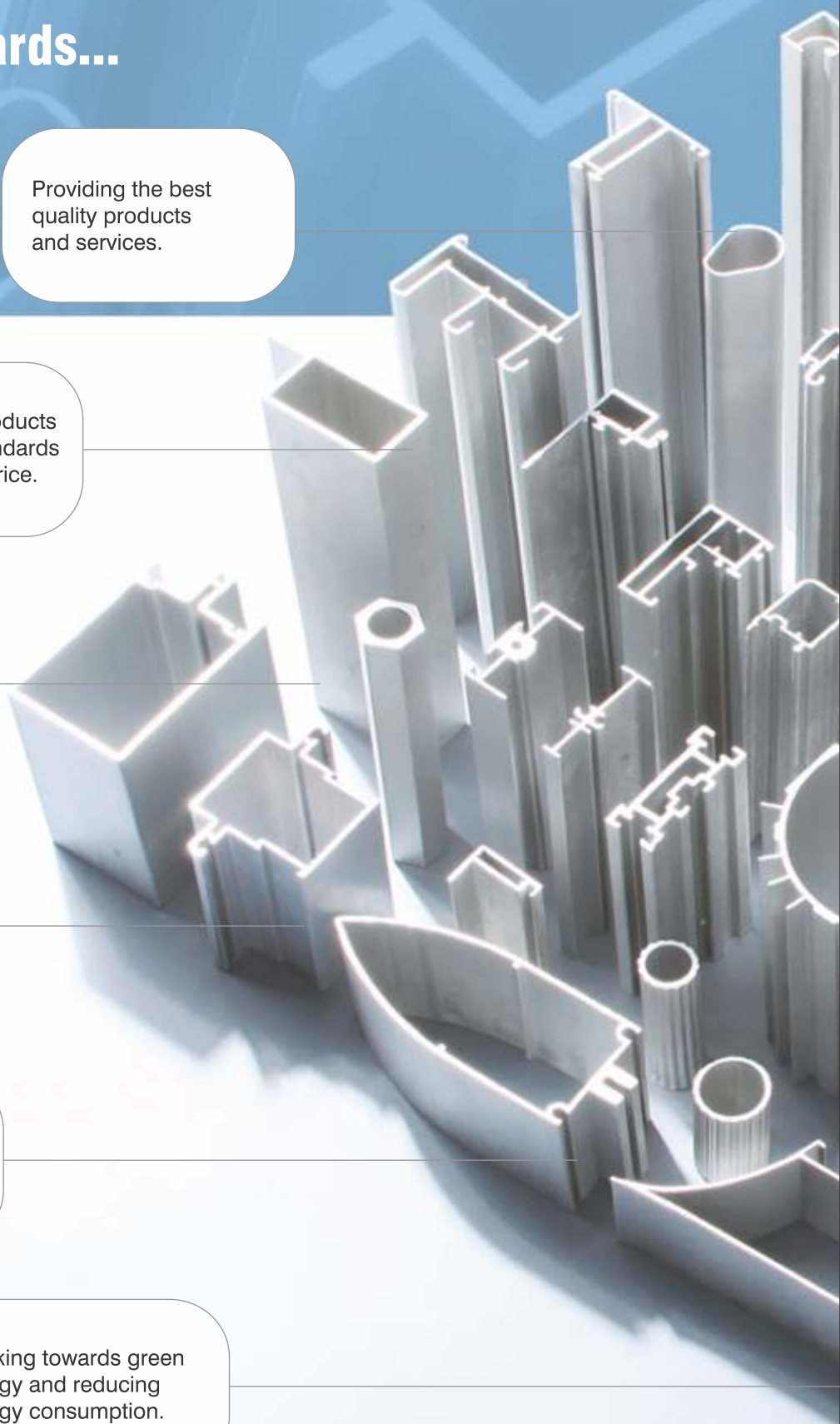
Maintaining a high level of ethics and working atmosphere within the Organization.

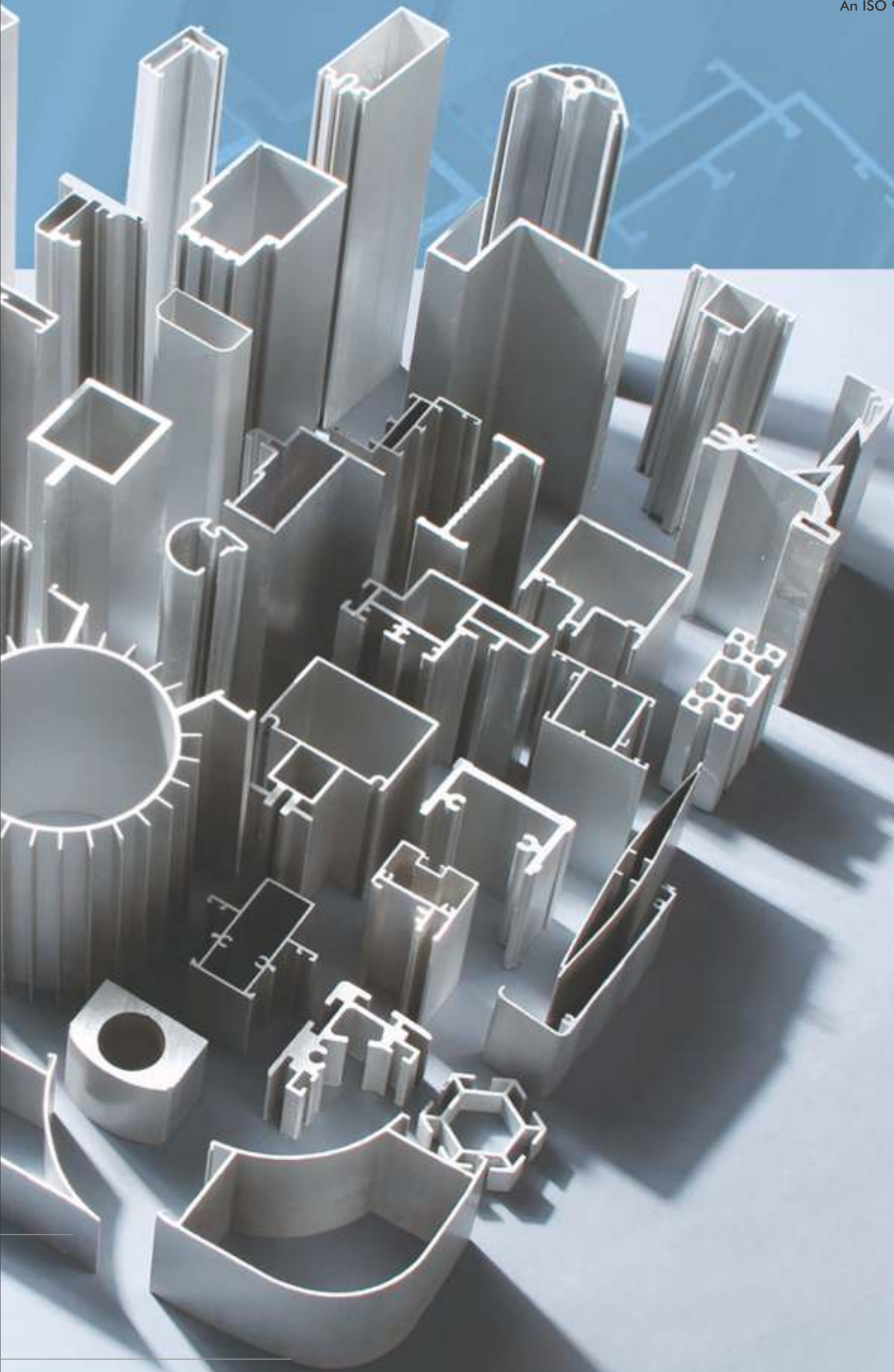
Maintaining high level of decorum and ethical practices with all our customers, vendors and service providers.

Involving and understanding the end requirement of customer and striving to achieve the same.

Working towards green energy and reducing energy consumption.

Keeping organizational values at high esteemed and bringing satisfaction to one and all.





...Multidimensional Excellence



AGARVANSHI ALUMINIUM LTD.

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