

BHORUKA

A YKK AP COMPANY



Extruding Excellence



What's Inside

Corporate Overview

Overview of Bhoruka Extrusions	02
Capacity Overview	02

About YKK AP

Philosophy of YKK AP	04
YKK AP Group Structure	04
Key Information of YKK AP	04

Vision

Our Vision	05
Propelled By	05
Path to become preferred Extruder	05
Objective	05

Key Highlights

Awards & Recognitions	06
Certifications & Licenses	06
Synergising Relationships	06
Leveraging Technology	06

Plant & Machinery

Extrusion	07
Powder Coating	08
Anodizing	08
Fabrication	09

Govt & Public Sector Projects

Govt & Public Sector Projects	09
-------------------------------	----

Sustainability

Key ESG Figures	10
Decarbonization	11
Energy Management	11
Water & Waste Management	11
Environment Product Declaration	12

Leveraging Technology

Bhoruka 360	13
Bhoruka E Catalogue	14

Industries Served

Industries Served	15
-------------------	----

Certifications

Quality Management System	16
Environmental Management System	17
REACH & RoHS	18

INTEGRATED | SUSTAINABLE VALUE FOCUSED

Bhoruka Extrusions Private Limited (Bhoruka- A YKK AP Company), established in 1979, brings over 45 years of legacy and expertise in the Aluminium Extrusion industry, serving the Building & Construction and OEM sectors with made-to-order solutions.

In 2013, Bhoruka was acquired by YKK Holding Asia Pte. Ltd., Singapore, marking a significant milestone in its growth journey. This was further strengthened in 2020, when Bhoruka became a 100% subsidiary of YKK AP Inc., Japan

Headquartered in Mysuru, Karnataka, Bhoruka operates a fully integrated manufacturing facility as a **100% made-to-order** extruder with in-house Extrusion, Anodizing, Powder coating, Machining, and Toolroom capabilities, supported by a pan-India presence with branch offices in Bengaluru, Cochin, Chennai, Coimbatore, Delhi, Mumbai & Pune.

For the **Building & Construction segment**, we offer a comprehensive library of Curtain Wall systems (unitised, semi-unitised, stick glazing, and other glazing systems) and Door & Window systems (YKK AP-designed IWIN), along with made-to-order extrusions for various Architectural applications.

For the **OEM and Industrial segments**, we specialize in custom-designed Aluminium Extrusions developed to meet specific requirements across Automotive (including EV' s), Electrical & Electronics, Metro, Railway, Rolling Stock, Solar, Renewables, and other engineered applications

Bhoruka Extrusions is an agile, action-oriented organization focused on clean energy, reducing its carbon footprint, minimizing environmental impact, and driving responsible water and waste management, while ensuring employee safety, community engagement, and transparent governance across its operations.



FEATURED IN FORBES INDIA ADMIRER COMPANIES TO WATCH IN 2025

Bhoruka Extrusions (A YKK AP Company) operates from a thoughtfully planned manufacturing campus spread across ~7-lakh sq. ft., with over 50% of the area dedicated to green cover, reflecting a strong balance between scale and environmental responsibility

1550MT/Month
Extrusion Capacity

6", 8", 9" & 9"
Extrusion Press



400MT/Month
Powder Coating Capacity

250MT/Month
Anodizing Capacity

150 Dies/Month
Toolroom Capacity

11.5MT/Shift
Foundry Capacity



ABOUT YKK AP

PHILOSOPHY OF YKK AP

YKK's founder Tadao Yoshida established the philosophy of CYCLE OF GOODNESS® as the foundation of the company's business activities. In line with this philosophy, Tadahiro Yoshida, the second president of YKK and founder of YKK AP, formulated the Management Principle — "YKK seeks corporate value of higher significance." Based on these principles, YKK AP has established a "Purpose" as its reason for being, which has now taken root at the heart of our employees' conduct and business decisions.

We will maintain our commitment to the architectural products that give our company its name, striving to become a company that contributes to the happiness of society.

YKK's Founder Tadao Yoshida and the YKK Philosophy

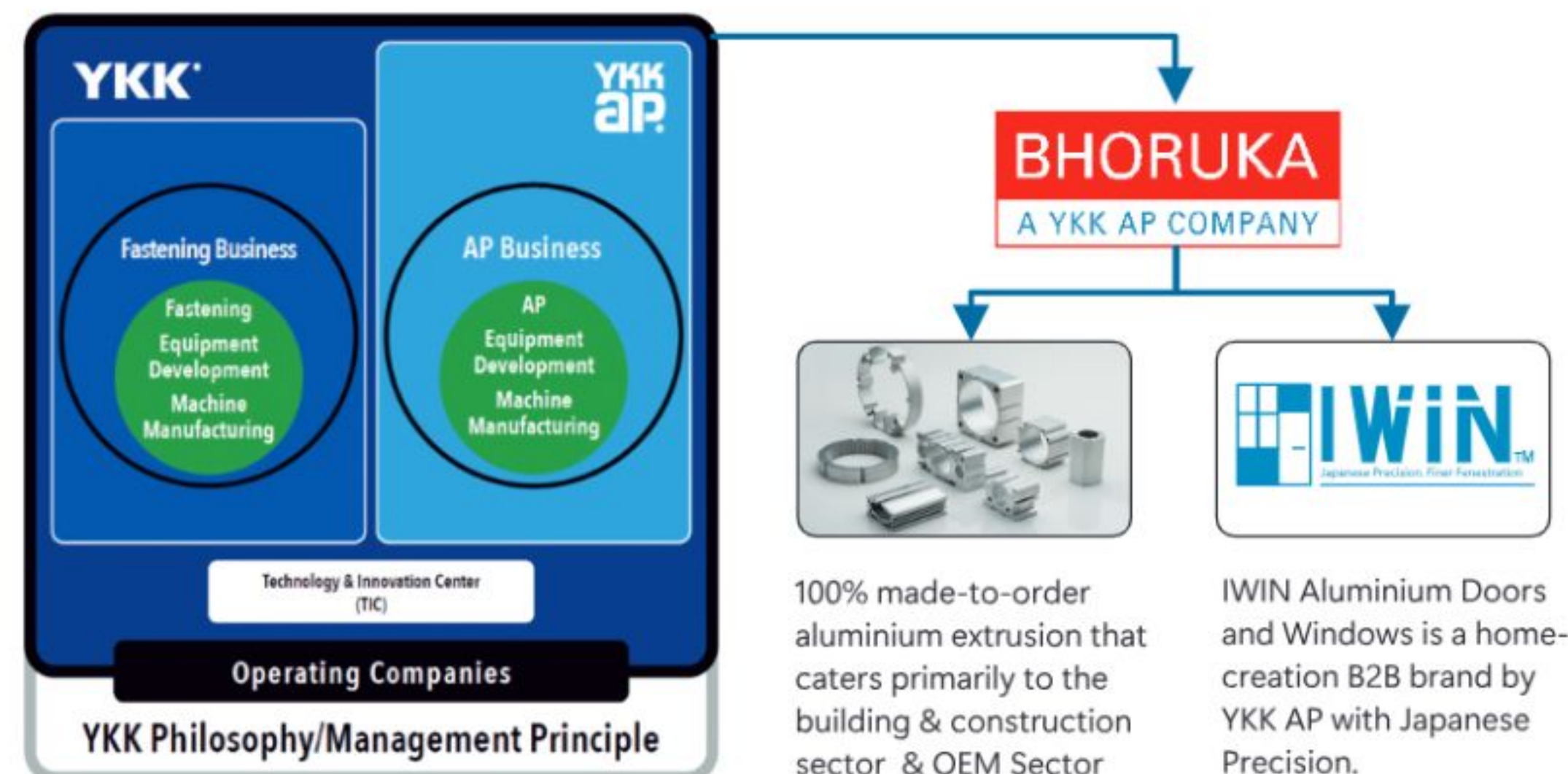


As an important member of society, a company survives through coexistence. When the benefits are shared, the value of the company's existence will be recognized by society. When pursuing his business, YKK's founder, Tadao Yoshida was most concerned with that aspect, and would find a path leading to mutual prosperity. He believed that using ingenuity and inventiveness in business activities and constantly creating new value would lead to the prosperity of clients and business partners, making it possible to contribute to society. This way of thinking is referred to as the **CYCLE OF GOODNESS®**, and has always served as the foundation of our business activities.

Purpose of YKK AP

*We Build a Better Society
Through Architectural Products*

GROUP STRUCTURE



KEY INFORMATION

Sales	FY2024-25
Net sales (consolidated)	\$3.53 billion
Japan	\$2.89 billion
Overseas	\$0.85 billion
Overseas ratio	19%

1USD=159JPY

Key Information of YKK AP		FY2024-25
Number of employees	Japan	13,337
	Ratio of men to women (Japan)	Men: 73 % Women: 27 %
	Overseas	4,915
Number of women in management positions	Number of employees	148
	Ratio	6.80%
Employment rate of persons with disabilities (average for each fiscal year)		2.44%
Climate Change Indicators	Scope 1 & 2 Emissions	271 ktCo2 (-37%)
	Scope 3 Emissions	2021 ktCo2 (-19%)
Number of locations	Japan	194 locations
	Overseas	58 locations
Manufacturing sites	Japan	24 sites
	Overseas	12 sites

BHORUKA

A YKK AP COMPANY

Bhoruka Extrusions is driven by a clear vision to be the preferred extruder of choice for iconic projects. Guided by customer satisfaction, operational excellence, Leveraging technology, and sustainability, we focus on delivering solutions that reduce total cost of ownership while ensuring reliability, efficiency, and long-term value for our customers.

**INTEGRATED
SUSTAINABLE
VALUE FOCUSED**

→ **Our Vision**

Our vision is to be the Preferred Extruder of choice for iconic projects by delivering products and services that reduce our customers' total cost of ownership . We do this by leveraging technology and a commitment to sustainability, customer satisfaction, and operational excellence.

→ **Propelled by**

Philosophy of YKK AP
CYCLE OF GOODNESS®
No one prospers without rendering benefit to others

→ **Path to become Preferred Extruder**



Customer Satisfaction

Ensuring Client needs are met with High Quality Service



Operational Excellence

Streamlining processes for Optimal Performance



Leveraging Technology

Leveraging Technology to enhance efficiency and real Time access.



Sustainability

Implementing Eco-friendly practices for long term viability

→ **Objective**



On Time In Full



Quality



Re-Investment of Profit to reduce the Cost

AWARDS & RECOGNITIONS

SAP Implementation Award

Award winning SAP implementation (ECC 6.0) in Metal Sector

Industry Outlook Recognition

Recognized by Industry Outlook as one of the Top 10 Aluminium Products Manufacturers for manufacturing excellence and quality performance.

Featured on the Forbes India website

Bhoruka Extrusions has been featured on the Forbes India website as one of the "Admired Companies to Watch in 2025."

ESG Awards 2025

Bronze Winner at IBAAS-IMMT-IIM Conference & Ecovadis Bronze medal for our continued commitment to ESG excellence

CERTIFICATIONS & LICENSES

Indian Green Building Council & GRIHA Council

Aluminium Extrusions from Bhoruka are IGBC & GRIHA Certified

BIS License & Marine Grade License

Certified from Bureau of Indian Standards for IS 733, IS 1285 Standards for QMS & Work Approval Certificate from Indian Register of Shipping

REACH & RoHS Compliant Products

Mill Finish, Anodized and Powder Coated Profiles are REACH & RoHS Certified by TuV India

QMS, EMS & EPD Certifications

ISO 9001:2015 certified for QMS and ISO 14001:2015 certified for EMS from Bureau Veritas. Also First Extruder in India with an EPD

SYNERGIZING RELATIONSHIPS

Net Promoter Score (NPS: 35)

Reflects consistent customer trust and supply reliability.

2,110 training hours delivered

Safety and skill training provided across all employee categories, averaging 3.15 hours per employee.

LTIFR - 0.83 & LTISR - 0.5

An LTIFR of 0.83 and LTISR of 0.5 demonstrate disciplined safety practices across operations.

Local Sourcing Strength

98% Spend with National Suppliers. Responsible and domestic procurement strategy

LEVERAGING TECHNOLOGY

BHORUKA e-catalogue
A YKK AP COMPANY

Instant access to thousands of profiles listed in different categories

BHORUKA 360°
A YKK AP COMPANY

Industry First CRM Module for Customers to track orders through Bhoruka 360 CRM portal)

BHORUKA eplanner
A YKK AP COMPANY

A Customized SAP Linked Platform that automates production planning to improve OTIF

BEPL PDIR System

Automated Pre-Dispatch Inspection Register through BEPL PDIR System [Google Appsheet]

EXTRUSION

Precision Manufacturing

Our integrated production line ensures superior surface finish and mechanical integrity. The process includes controlled billet heating, precision extrusion, and advanced quenching systems (Air or Water) tailored to the alloy's requirements. Post-extrusion, all profiles undergo stretching to remove internal stress and precision cutting to close tolerances. Finally, profiles are subjected to artificial ageing cycles to achieve the desired temper (T4, T5, T6 & T66) and mechanical properties in accordance with IS 733:2025 Standards

Quality Inspection

All dimensions including flatness, twist, and angularity are verified using Vernier calipers, micrometers, level protractors, feeler gauges, and parallel blocks, along with advanced optical and automated inspection systems such as Pixera and BEPL PDIR for detailed digital inspection reports.

Quenching Air and Water	Temper T4, T5, T6 & T66
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Bhoruka Extrusions operates a state-of-the-art facility equipped with versatile extrusion presses ranging from 1100 to 3000 US Tons. This capacity allows us to Extrude a diverse array of profiles, from Intricate architectural sections to heavy-duty industrial components, using high-quality billets in diameters of 152mm (6"), 203mm (8"), and 229mm (9"). We process a wide range of aluminium alloys to meet specific strength and aesthetic requirements, strictly adhering to EN / IS standards. All the Toolings/Dies required are manufactured in-house at Bhoruka Extrusions

6xxx & 1xxx Series Alloy 6060, 6063, 6005, 6061, 6082, 6101, 6351, other 6XXX series, and 1050 & 1060.	
1550MT/Month Extrusion Capacity	4 Extrusion Press 6", 8", 9" & 9"
Cut Length Upto 11m	Weight/Metre 18 Kg/m

Parameter	Press - 1	Press - 2	Press-3	Press-4
Make	Wean United (USA)	Year Chang (Taiwan)	Cheng Hua (Taiwan)	HLT (China)
Strength (TONS)	1800	1100	2750	3000
Billet Diameter(mm)	203	152	228 & 203	228
Maximum Pressure (BAR)	210	210	230	305
Alloy	6063, 6005, 6105, 6061	6063, 6005, 6105, 6061	6063, 6060, 6101, 6005, 6351, 6061, 6082	6060, 6063, 6005, 6061, 6082, 6101, 6351 (other 6XXX series based on requirement)
Billet Oven Type	Hot log shear	Induction	Hot log shear	Double Puller with Fly Saw
Puller Type	Track type	Track type	Track type	Track type

Extrusion Range Guidelines

Shape	Press-1 (8"-1800 UST)	Press-2 (6"-1100 UST)	Press-3 (9"-2750 UST)	Press-4 (9"-3000 UST)
Square (A- B)	125 - 125 mm	80 - 80 mm	170 - 170 mm	180 - 180 mm
Rectangle (W- H)	170 - 65 mm	100 - 60 mm	200 - 100 mm	260 - 100 mm
Round (Ø)	Ø155 mm	Ø100 mm	Ø200 mm	Ø225 mm
Elliptical (W- H)	-	-	250 - 50 mm	300 - 70 mm
Flat (W- T)	-	-	300 - 10 mm	350 - 20 mm

Newly Commissioned Extrusion Press - 9 Inch from HLT, China



***Press Configuration is subject to change as part of ongoing capacity optimization and modernization Initiatives.*

PLANT EQUIPMENT

POWDER COATING

Coating Thickness & Finish

Powder coating is applied with a controlled dry film thickness, typically in the range of **60-120** microns, to ensure uniform coverage, durability, and long-term performance.

The available finishes include matt, semi-gloss, gloss, and high-gloss, offering flexibility to meet both functional and aesthetic requirements.

Warranty Period

Our powder coating application processes are carried out in alignment with AAMA performance requirements, ensuring long-term durability, colour stability, and corrosion resistance under defined exposure conditions.

AAMA 2603: Up to 10 years warranty

AAMA 2604: Up to 15 years warranty

AAMA 2605: Up to 30 years warranty

Quality Inspection

Quality is ensured through controlled processes and systematic testing in alignment with AAMA and Qualicoat requirements, delivering consistent performance, durability, and surface finish.

Key Quality Tests Performed: Coating Thickness (DFT), Gloss Test, Adhesion Test, Impact Test, Bend Test, Visual & Surface Inspection

Our powder-coated profiles are processed to meet stringent international performance specifications defined by American

Architectural Manufacturers Association (AAMA). We utilize high-quality

powders and are an **approved applicator** for leading global suppliers, including:

- AkzoNobel
- Jotun
- Asian Paints (PPG)

Powders are procured based on specific warranty requirements, ranging from standard durability to high-performance fluoro-polymers



400MT/Month
Powder Coated
Capacity

Nordson, US
Powder Coating
Spray System

60 - 120 Microns
Coating Thickness

7500mm
Maximum Length

ANODIZING

Coating Thickness & Finish

At Bhoruka Extrusions, Anodizing is carried out through a controlled electrochemical process to form a durable and corrosion-resistant anodic oxide layer. Anodic coating thickness is applied typically in the range of 5-25 microns, depending on application requirements. The available Colors include Natural Silver, Bronze Champagne & Black in Matt and Brush Finish

Warranty Period

Our anodizing processes are executed in alignment with IS 1868 and AAMA 611 architectural anodizing standards, ensuring consistent corrosion resistance, colour stability, and surface durability under defined exposure conditions.

5-10 microns: 5 Years

10-20 microns: 10 Years

20-25 microns: 15 Years

Quality Inspection

Quality is ensured through controlled processes and systematic testing in line with standard anodizing practices, delivering consistent performance and finish.

Key Quality Tests Performed: Anodic Coating Thickness Test, Sealing Quality Test, Colour & Shade Consistency, Corrosion Resistance Test, Visual & Surface Inspection

Our in-house Anodizing facility offers controlled and consistent processing with anodic coating thickness ranging from 5 to 25 microns, suitable for interior, exterior, and severe exposure applications. The anodizing line supports profiles up to 6,400 mm in length and operates in compliance with IS 1868 and AAMA 611 standards, ensuring durability, corrosion resistance, and colour consistency

The process is carried out in line with REACH and RoHS requirements, reinforcing our commitment to environmental compliance and sustainable surface treatment practices.



250MT/Month
Anodizing
Capacity

Italtechno, Italy
Treatment Plant

5 - 25 Microns
Coating Thickness

6400mm
Maximum Length

PLANT EQUIPMENT

FABRICATION

Operations

The facility supports a wide range of operations including milling, drilling, boring, countersinking angle cutting, turning, and tapping, allowing us to deliver fully fabricated profiles tailored to project-specific and system requirements

FOM, Italy
Make

5m
Bed Length



FMC 340
CNC Machining Centre

BLITZ ALVA 550
Double Head Cutting



Commissioned in 2023, our Fabrication Facility strengthens our downstream capabilities, enabling precision processing of aluminium extrusions into ready-to-install components. Equipped with advanced CNC machining centres from FOM Industries, Italy, the facility ensures high accuracy, repeatability, and consistency across complex fabrication requirements.

This integrated setup enhances quality control, reduces lead times, and ensures seamless coordination with our extrusion, anodizing, and powder coating processes, delivering complete, turnkey solutions to our customers. The facility is designed to support a wide range of OEM and infrastructure applications,

GOVT & PUBLIC SECTOR PROJECTS

Bhoruka Extrusions has a proven track record of supplying aluminium extrusions and system solutions to Government and Public Sector organizations across India. Our products are trusted for use in large-scale institutional buildings, public infrastructure, and government-led construction projects, where quality and compliance are critical.

List of Projects

Organization	Projects
	Surat Airport Patna Airport Dehradun Airport Calicut Airport
PPP / Private / JV	Kempegowda International Airport - Terminal 1 Kempegowda International Airport - Terminal 2 Noida International Airport Navi Mumbai International Airport Bhogapuram International Airport
 CPWD	Parliament House - Central Vista CPWD Office, Telangana Central Armed Police Forces Institute of Medical Sciences Amrita Hospital UP Police Bhavan IIM Calicut IIM Haryana IIM Trichy IIT Chennai IIT Hyderabad IIT Ropar IIT Kozhikode IIM Rohtak IIM Kashipur IISER - Indian Institute of Science Education and Research AIIMS Faridabad Income tax Building, Ahmedabad Telangana Police HQ India International Convention & Expo Centre Rajiv Gandhi Urja Bhavan DMRC & CMRC
 एन बी सी सी NBCC A Navratna CPSE	



SDGs aligned



Sustainability at **Bhoruka Extrusions** goes beyond compliance. It is embedded in how we manufacture, and grow. Our operations are powered predominantly by renewable energy, supported by continuous reductions in emissions, water reuse, and waste reduction. Through safe workplaces, community initiatives, and responsible sourcing, Bhoruka creates value that is sustainable for business, society, and the environment that aligns with the philosophy of YKK AP.

We continue to advance our transition towards cleaner energy sources, systematically reduce emissions, and invest in energy-efficient technologies to minimise our climate impact. Through continuous process redesign and adoption of innovative operational practices, we actively reduce CO₂ emissions across our operations. These efforts support our commitment to responsible manufacturing and align with YKK AP's goal for 2050 of "achieving zero environmental impact in our business activities throughout the entire product lifecycle

Building a Sustainable Future

80% reduction in CO₂ emission intensity since baseline

Baseline (FY 2015–16): 1.66 tCO₂e per tonne → FY 2024–25: 0.34 tCO₂e per tonne, achieved through improvements and renewable energy adoption

Aluminium Extrusions are IGBC & GRIHA Certified

32% of Water Consumption is met through Recycled Water

Expanded in-house ETP and STP systems supporting circular water use.

88.34% of Green Energy Mix

Off-site renewable sources supplied 88.34% of the electricity,



418 KWP

Our Press-3 facility is equipped with Roof-top-Solar which has the capacity to generate the Solar power of 418KWP

Bhoruka's Specific Sustainability Actions

Key metrics highlighting our sustainability performance and water & waste management practices.



Energy Management

88.34%
Renewable energy Share

+23% YoY
Increase in renewable energy usage

54%
PNG usage increase

In FY 2024–25, the Mysuru plant consumed 11,897 MWh of electricity, with **88.34%** sourced from renewables, marking a **23%** increase in renewable energy use. Electricity intensity improved to 1.02 MWh per tonne, a 2% year-on-year reduction, despite an 18% increase in production

Cleaner fuel adoption was supported by a **54%** increase in PNG usage, enabling reductions in LPG and diesel consumption by 69% and 28%, respectively.

Scope 1 & Scope 2 Emissions

0.34 tCO₂e
per tonne

Scope 1 Emission Values in tCO₂e



Scope 2 Emission Values in tCO₂e



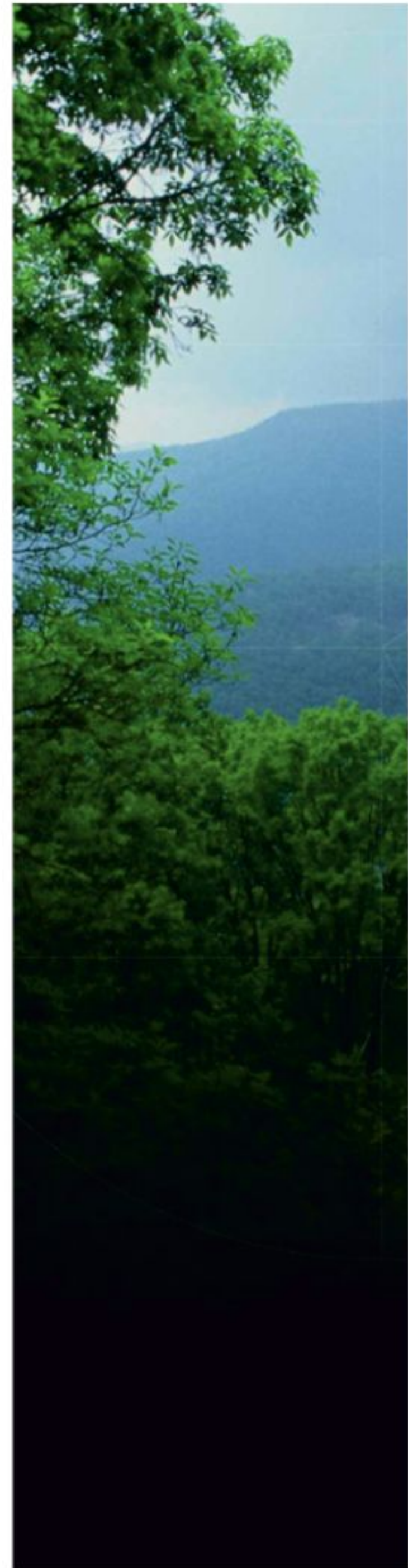
Water and Waste Management

9.25
Kg per tonne Waste Intensity Improved

32%
of Total Water Consumption met through recycled Water

In FY 2024-25, the Mysuru facility generated 108,047 kg of waste, with 96% classified as hazardous, mainly comprising ETP sludge and foundry waste.

Circular water practices were strengthened, with 32% of total water consumption met through recycled water, supported by a 35 KLD ETP and a 30 KLD STP for effective wastewater treatment and reuse.



CERTIFICATE EPD REGISTRATION

This document confirms that

BHORUKA EXTRUSIONS PRIVATE LIMITED

has registered an Environmental Product Declaration (EPD) for

Powder Coated Aluminium Extruded Profiles

under **EPD-IES-0028927:001**
in the International EPD System

The EPD has been developed in accordance with ISO 14025, the General Programme Instructions, and the Product Category Rules 2019:14 of the International EPD System.

Independent third-party verification of the declaration and data via individual EPD verification without a pre-verified LCA/EPD tool.
Third-party verifier: Vijay Thakur, approved by the International EPD System.

This document remains valid until 2031-03-17, unless the EPD is deregistered from the International EPD System prior to that date.

Sebastiaan Stiller
CEO of the International EPD System
Stockholm, Sweden
2026-04-03

INDIA'S FIRST ALUMINIUM EXTRUDER WITH CERTIFIED EPD

Bhoruka Extrusions has published an internationally verified Environmental Product Declaration (EPD), making us the first aluminium extruder in India to offer transparent and quantified environmental Impact data for Powder Coated Aluminium Extruded Profiles. The EPD is based on Life Cycle Assessment (LCA) as per ISO 14025 and EN 15804 standards, reinforcing our commitment to responsible manufacturing and sustainable construction.

1 Tonne
Declared Unit

FY2024-2025
Data Period



View our EPD report

Scan the QR Code or Visit the International EPD System to access our Verified Environmental Declaration

EPD-IES-0028927 - EPD Registration
Version date: 2026-03-18
Validity date: 2031-03-17

17.4 kg CO₂ / kg
Carbon footprint

4.4%
Post-Consumer Recycled Content

EPD International
Programme Operator

EPD India
Licensee

Bhoruka 360°

Total Control.
Complete Transparency.
Zero Guesswork

Bhoruka 360° is our digital CRM platform designed to put customers firmly in control of their entire aluminium supply chain anytime, anywhere !

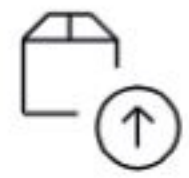


Built to enhance transparency and responsiveness, it enables customers to track transactions in real time, access critical documents instantly, and engage seamlessly with Bhoruka - ensuring faster decisions, smoother operations, and a superior customer experience.



Real Time Dashboard

Open Sales Orders, dispatches, invoicing, monthly performance



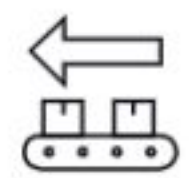
Upload Purchase Orders (Po's)

Digitally upload and track PO's



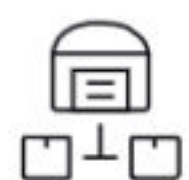
Approve/Reject Proforma Invoices (Pis)

Online approval/rejection, for SO creation



Track Sale Order (SO) Status

Clear visibility of order status and order completion



Dispatch Status Monitoring

Line-item wise dispatch tracking



Live GPS Tracking

Track dispatched vehicles using LR/Tracking ID



Raise Quality Tickets

Directly raise Quality tickets on the portal



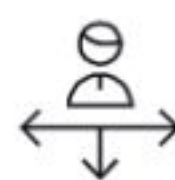
Document Repository

Centralizes access to Important documents



Escalation Matrix

Provides a clear path for escalating issues to the right contact



Independent Operation

Empowers users with faster decision-making and transparency

INVOICES

Customers can instantly access and download invoices, enabling faster reconciliation, audits, and seamless financial tracking.

PACKING LIST

Detailed packing lists are available shipment-wise, ensuring accurate material verification and a smooth inward process at site.

MTC

Mill Test Certificates can be accessed digitally, providing full quality assurance, traceability, and compliance transparency.

SLA's

Signed SLAs are securely stored on the portal, allowing easy reference to contractual terms without manual follow-ups.

FINANCIAL LEDGER

Customers can access financial ledger offers a complete view of debits, credits, and outstanding balances, supporting clear and transparent financial management

CATALOGUE

Customers can access the latest product catalogues anytime, enabling quick reference to profiles, specifications, and system offerings.

Bhoruka E-Catalogue

**One Platform.
Every Profile.
Always Current.**



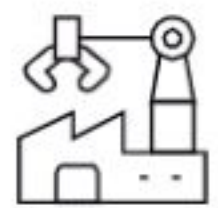
Customers can explore the latest aluminium extrusion profiles anytime through a digital, always-updated catalogue, enabling quick reference to profile designs, specifications, and system offerings without manual documentation or delays.

Bhoruka E-Catalogue is a digital platform that provides instant access to aluminium profiles, drawings, and specifications, enabling faster decisions and seamless project execution.



Extensive Profile Access

Provides Instant Access to thousand's of Profiles



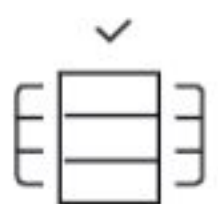
Diverse Category Coverage

Includes Profiles from both B&C and OEM Segment



Detailed Profile Information

Offers Section drawing download, view dimensions & tolerances



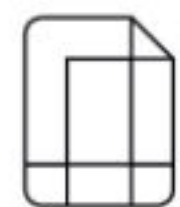
Die Availability Status

Enables Users to Check the Availability of Dies



Direct Enquiry System

Facilitates sending enquiry directly from the Software



PDF Drawing Downloads

Allows Users to directly download the PDF drawings



Section Number Search

Allows Users to search for Profiles using Section Numbers



Design Updates

Adds over 50 new designs every month



Online & Offline Module

Offers both Online & Offline modules for flexibility

WIDE PROFILE RANGE

Browse profiles by category and application for faster identification of suitable extrusion solutions.

DETAILED PROFILE

View profile images, section details, and key specifications for quick technical evaluation.

DIRECT ENQUIRY

Raise enquiries directly from the e-catalogue with complete profile details.

ALWAYS UPDATED

New profiles and additions update every month, ensuring customers always access current designs without version control issues.

DRAWING DOWNLOAD

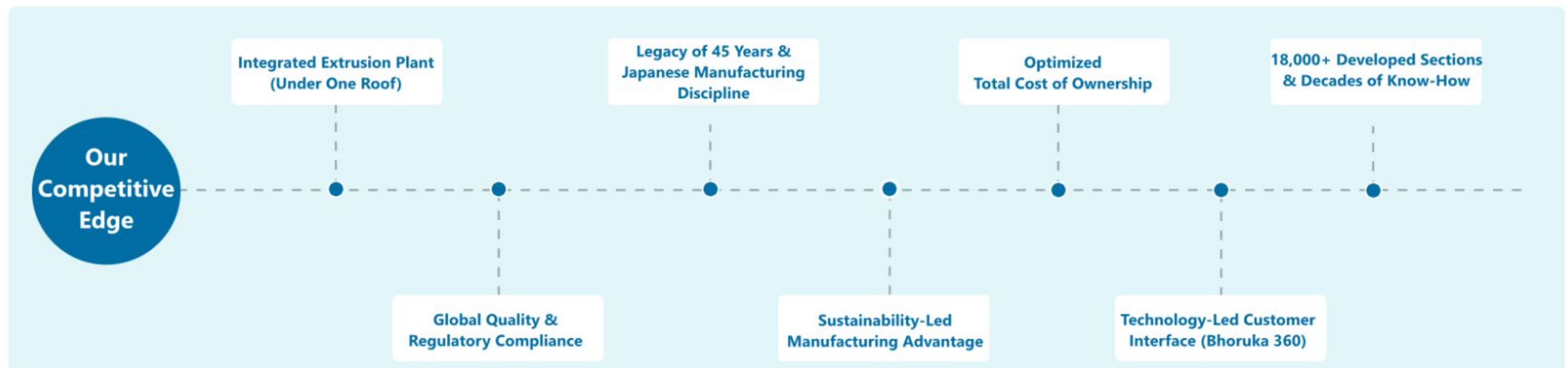
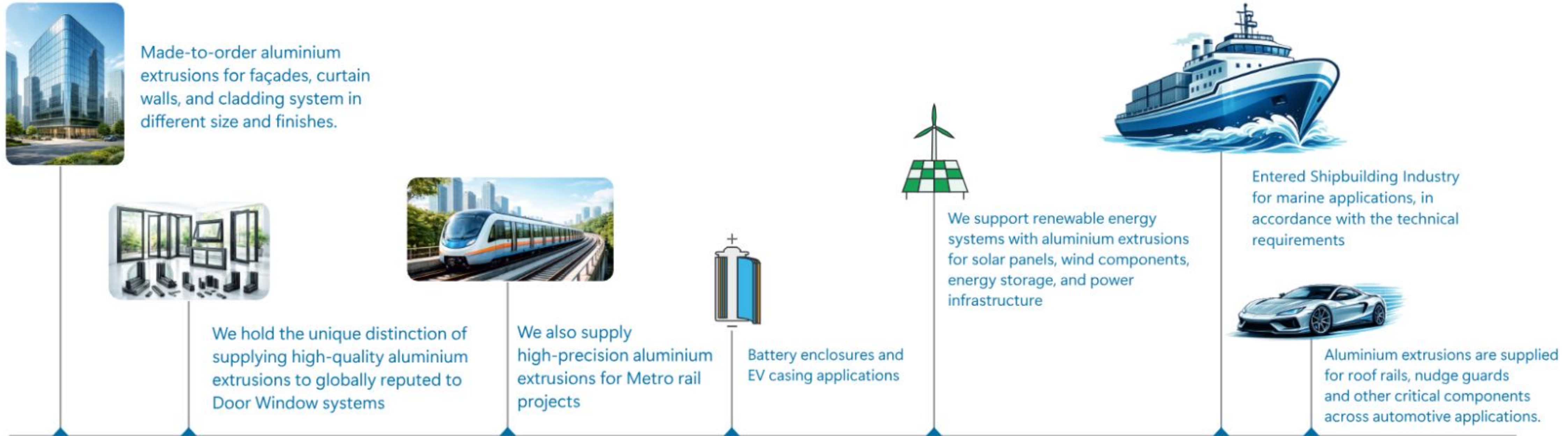
Instantly download profile drawings in PDF format for design and engineering reference.

WEB ACCESS

The e-catalogue supports online and offline access, ensuring uninterrupted profile data availability during site visits.

INDUSTRIES SERVED

Leveraging a broad product portfolio, manufacturing expertise, and a strong competitive edge, we deliver aluminium extrusion solutions across the Building & Construction, OEM / Industrial, Automotive, and Renewable Energy sectors. Our ability to engineer made-to-order profiles, supported by integrated downstream capabilities, enables us to meet diverse application requirements with precision, consistency, and reliability. Backed by extensive engineering expertise, a wide tooling portfolio, and integrated manufacturing capabilities, we develop complex profiles across alloys, sizes, and finishes, addressing a broad spectrum of application needs across industries.



CERTIFICATIONS

Quality at Bhoruka Extrusions is not an afterthought. It is a rigorously governed system backed by globally and nationally recognized certifications. Our operations are structured around internationally accepted quality management frameworks that ensure consistency across planning, production, inspection, and continual improvement. Each process is monitored through documented controls, standardized procedures, and regular audits to maintain compliance with regulatory, statutory, and customer-specific requirements. Product conformity is reinforced through approvals and licenses from accredited authorities, validating our capability to supply extrusions for critical and performance-driven applications.

ISO 9001:2015

This certification confirms that Bhoruka's quality management system complies with ISO 9001:2015 requirements, covering defined processes for planning, production, inspection, and continual improvement.

IRS - Work Approval Certificate

This certificate authorizes Bhoruka to manufacture aluminium products approved for marine and critical applications, in accordance with the technical requirements and inspection norms of the Indian Register of Shipping.

IS 733:1983 License

This certification verifies Bhoruka's compliance with IS 733:1983, ensuring that Solid Sections meet specified chemical, mechanical, and dimensional requirements for the supplies.

IS 1285:2023 License

This certification verifies Bhoruka's compliance with IS 1285:2023, ensuring that Hollow Sections meet specified chemical, mechanical, and dimensional requirements for the supplies (**IS 1285 will be merged to IS 733:2025 from 29/June/2026)



BHORUKA EXTRUSIONS PVT. LTD.

BHORUKA
A TRAK AP COMPANY

NO. 1, HRD ROAD, METAGALLI, MYSURU - 570 016, KARNATAKA, INDIA.

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard
ISO 9001:2015

Scope of certification
MANUFACTURE OF MILL FINISH, ANODIZED AND POWDER COATED ALUMINIUM EXTRUSIONS IN STANDARD AND FUNCTIONAL SHAPES FOR STRUCTURAL / ARCHITECTURAL COMPONENTS, TRANSPORT, TEXTILE AND ELECTRICAL INDUSTRIES

Original cycle start date: 12 March 1995
Recertification cycle start date: 09 December 2024

Subject to the continued satisfactory operation of the organization's Management System, this certificate is valid until: 12 December 2027

Certificate No. IND.24.2447/0MU Version: 1 Issue date: 09 December 2024

For certificate authority, visit here: <https://www.bureauveritas.com>

180 8001 | 180 8000

Signed on behalf of BVHQ SAS UK Branch
Jagdish K. MARAN
Director - CERTIFICATION, South Asia
Certification, Industry & Partners Division

Certification body address: 80 Place, 100 Lower Thames Street, London, EC3P 6DL, United Kingdom.

Indian Register of Shipping

Certificate No.: 2025NAQ0056

WORKS APPROVAL CERTIFICATE

This is to certify that based on the existing manufacturing facilities and satisfactory assessment of manufacturing and quality control procedures by our Surveyors, the name of

BHORUKA EXTRUSIONS PVT LTD,
No. 1 K.R.S. Road, Metagalli, Mysore, Karnataka - 570016

is included in the list of approved works in accordance with the relevant requirements of rule(s)/standard(s)/code described below:

WORKS TYPE : MANUFACTURER OF ALUMINIUM SECTIONS
PRODUCT TYPE : MANUFACTURER OF SECTIONS OF WROUGHT ALUMINIUM ALLOYS

APPLICABLE RULE(S)/STANDARD(S)/CODE: Part 2 Chapter 9 of IRS Rules and Regulations for the Construction and Classification of Steel Ships, July 2024

SCHEDULE OF APPROVAL : SEE ANNEXURE I

This Certificate is valid until: 30/09/2026

PLACE OF ISSUE: MUMBAI
DATE OF ISSUE: 11/09/2025
LOCAL SURVEY OFFICE: CHENNAI

FOR INDIAN REGISTER OF SHIPPING
Principal Surveyor

The certificate is based upon the following terms and conditions as set down in the Society's Regulations:
While under the supervision of the Society, the certificate holder shall be bound to observe the conditions of the certificate and to report to the Society any change of circumstances which may affect the validity of the certificate. The certificate holder shall be liable for any damage or expense incurred by the Society in consequence of any breach of the conditions of the certificate, or for any damage or expense incurred by the Society in consequence of any breach of the conditions of the certificate, or for any damage or expense incurred by the Society in consequence of any breach of the conditions of the certificate, or for any damage or expense incurred by the Society in consequence of any breach of the conditions of the certificate.

भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

For any other communication
Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bengaluru - Tumkur
Road, Bengaluru, BANGALORE
RURAL, KARNATAKA, 560058

Address: Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bengaluru - Tumkur
Road, Bengaluru, BANGALORE
RURAL, KARNATAKA, 560058

Phone: 08028394955
Fax: 08028398841
E-Mail: bho@bis.gov.in
Web: www.bis.org.in
www.astralonline.in

Our Ref: BNBO/CML 6200220480 Dated: 26-11-2024

Subject: Grant of BIS Certification Marks License No 6200220480 as per IS 733:1983.
M/S BHORUKA EXTRUSIONS PRIVATE LIMITED
No-01, K.R.S. Road, Metagalli Industrial Area, Mysuru, MYSORE, MYSORE, KARNATAKA, INDIA, 570016

Dear Madam(s)/Sir,
With reference to your application, we are pleased to inform you that the Certification Marks License has been granted to you to use the Standard Mark in respect of the following:
Wrought Aluminium and Aluminium Alloy Bars, Rods and Sections (for General Engineering Purposes)

Product -
Grade/Class/Type/Variety

Name of the product: Wrought Aluminium and Aluminium Alloy Bars Rods and Sections For General Engineering Purposes as per IS 733 for the following scope 1 Type of section Regular Section Dimensions: Sizes Width 11 mm to 260 mm Thickness 0.9 mm to 20 mm Condition Temper designations T6 Designation 63400 64430 65032 2 Type of section Rod Dimensions: Sizes Diameter 5 mm to 120 mm Condition Temper designations: T4 Designation 63400 64430 65032 3 Type of section Rod Dimensions: Sizes Diameter 5 mm to 120 mm Condition Temper designations: T6 Designation 63400 64430 65032 4 Type of section Bar Dimensions: Size Width 10 mm to 300 mm Thickness 2 mm to 20 mm Condition Temper designations T4 Designation 63400, 64430, 65032 5 Type of section Bar Dimensions: Size Width 10 mm to 300 mm Thickness: 2 mm to 20mm Condition Temper designations: T6 Designation 63400 64430 65032 6 Type of section Regular Section Dimensions: Sizes Width 11 mm to 260 mm Thickness 0.9 mm to 20 mm Condition Temper designations T4 Designation 63400 64430 65032 7 Type of section Irregular section Dimensions: Sizes Width 15 mm to 250 mm Thickness 1.5 mm to 20 mm Condition Temper designations T4 Designation 63400 64430 65032 8 Type of section Irregular section Dimensions: Sizes Width 15 mm to 250 mm Thickness-1.5 mm to 20 mm Condition Temper designations: T6 Designation 63400 64430 65032

1. The license is granted on the explicit condition that you will mark entire substantial production which conforms to the Indian Standards.

भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

For any other communication
Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bengaluru - Tumkur
Road, Bengaluru, BANGALORE
RURAL, KARNATAKA, 560058

Address: Bengaluru Branch Office-
Peenya Industrial Area, 1st
Stage, Bengaluru - Tumkur
Road, Bengaluru, BANGALORE
RURAL, KARNATAKA, 560058

Phone: 08028394955
Fax: 08028398841
E-Mail: bho@bis.gov.in
Web: www.bis.org.in
www.astralonline.in

Our Ref: BNBO/CML 6200220379 Dated: 26-11-2024

Subject: Grant of BIS Certification Marks License No 6200220379 as per IS 1285:2023.
M/S BHORUKA EXTRUSIONS PRIVATE LIMITED
No-01, K.R.S. Road, Metagalli Industrial Area, Mysuru, MYSORE, MYSORE, KARNATAKA, INDIA, 570016

Dear Madam(s)/Sir,
With reference to your application, we are pleased to inform you that the Certification Marks License has been granted to you to use the Standard Mark in respect of the following:
WROUGHT ALUMINIUM AND ALUMINIUM ALLOY'S EXTRUDED ROUND TUBE AND HOLLOW SECTIONS FOR GENERAL ENGINEERING PURPOSES SPECIFICATION

Product -
Grade/Class/Type/Variety

Name of the product: Wrought Aluminium and Aluminium Alloys-Extruded Round Tubular Hollow Sections for General Engineering Purposes as per IS 1285 for following varieties 1 Type of section Round Tube Dimensions: Sizes Outside Diameter 8 mm to 200 mm Wall Thicknesses 1.3 mm to 6 mm Condition Temper designations T4 Designation 63400 64423 64430 65032 2 Type of section Round Tube Dimensions: Sizes Outside Diameter 8 mm to 200 mm Wall Thicknesses 1.3 mm to 6 mm Condition Temper designations T6 Designation 63400 64423 64430 65032 3 Type of section Hollow Sections: Dimensions: Sizes Outside Width 10 mm to 275 mm Outside Height 10 mm to 70 mm Wall Thicknesses 1.5 mm to 10 mm Condition Temper designations T4 Designation 63400 64423 64430 65032 4 Type of section Hollow Sections: Dimensions: Sizes Outside Width 10 mm to 275 mm Outside Height 10 mm to 70 mm Wall Thicknesses 1.5 mm to 10 mm Condition Temper designations T6 Designation 63400 64423 64430 65032

1. The license is granted on the explicit condition that you will mark entire substantial production which conforms to the Indian Standards.

CERTIFICATIONS

Sustainability at Boruka Extrusions is embedded into the way we Extrude and operate. Our environmental management systems and green building affiliations reflect a structured commitment to minimizing environmental impact while ensuring regulatory compliance and operational efficiency. Through certified environmental practices and recognized sustainability frameworks, we continuously monitor resource utilization, energy efficiency, waste management, and environmental performance across our facilities. These certifications reinforce our responsibility toward sustainable manufacturing, environmentally conscious infrastructure, and long-term value creation for customers, communities, and stakeholders.

ISO 14001:2015

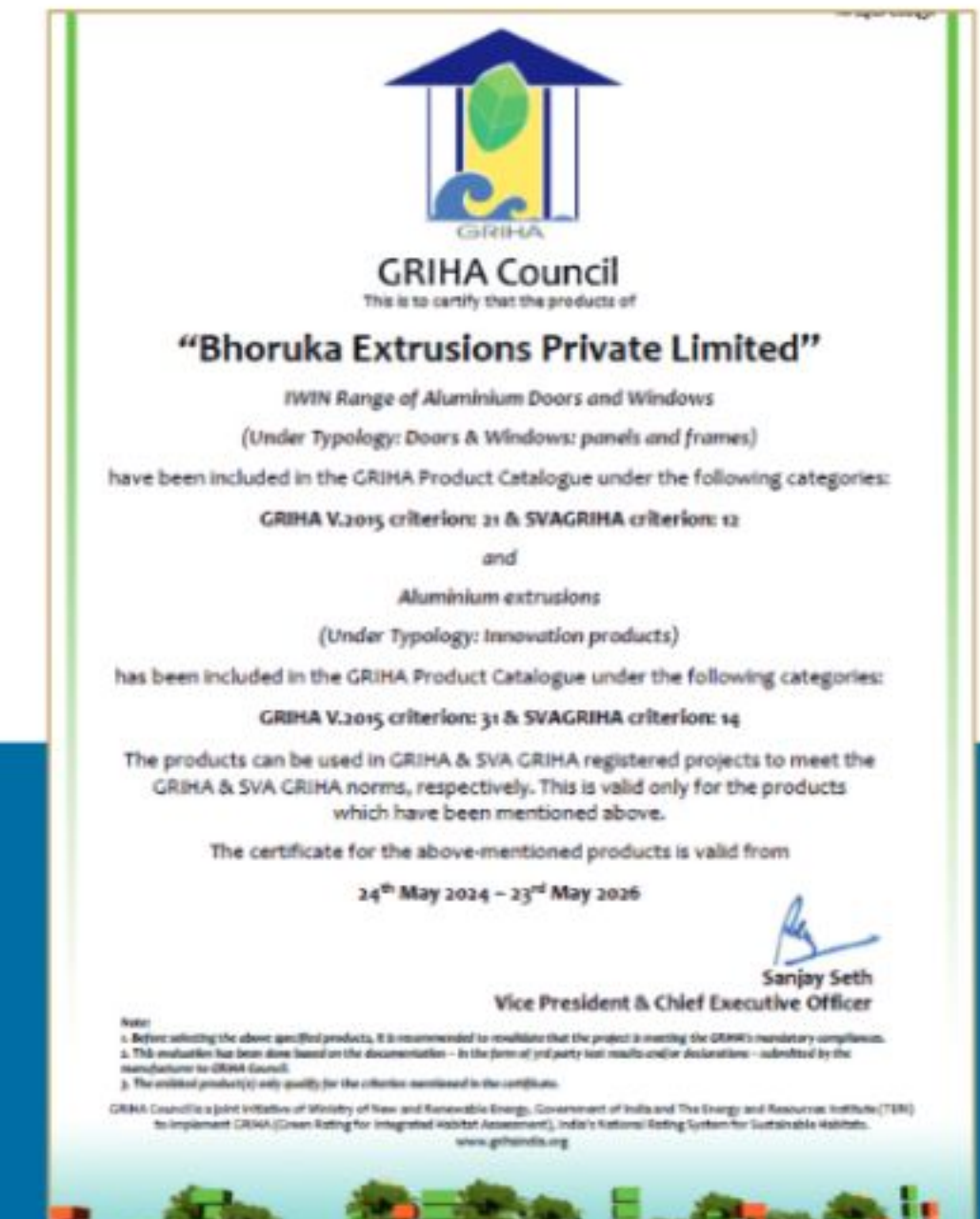
This certification confirms that Boruka's environmental management system complies with ISO 14001:2015 requirements, covering environmental impact control, compliance obligations, and continual environmental performance improvement.

IGBC Certification

Boruka Extrusions is a certified member of the Indian Green Building Council (IGBC), demonstrating alignment with nationally recognized sustainability frameworks that promote energy efficiency, responsible resource utilization, and environmentally sustainable building practices. This membership reflects Boruka's commitment to integrating ESG principles into operations, products, and long-term business strategy.

GRIHA Certification

This certification indicates compliance with GRIHA sustainability criteria, recognizing adherence to prescribed requirements for energy efficiency, resource optimization, and environmentally responsible practices.



CERTIFICATIONS

Bhoruka Extrusions ensures strict adherence to international chemical compliance regulations through REACH and RoHS certified surface treatment processes. Our anodized and powder-coated aluminium profiles comply with the requirements of the REACH Regulation, ensuring that restricted substances and Substances of Very High Concern (SVHCs) are controlled, declared, and maintained within prescribed regulatory limits. In parallel, RoHS compliance confirms that our aluminium profiles are free from restricted hazardous substances in accordance with applicable directives. These certifications validate controlled chemical usage, process transparency, and conformity with global regulatory standards.

REACH Compliant - Anodizing

This certificate confirms that the anodized aluminium profiles comply with the requirements of the REACH Regulation, ensuring restricted substances are controlled in accordance with applicable chemical safety norms.

REACH Compliant - Powder Coating

This certification verifies that powder coated aluminium profiles meet REACH compliance requirements, covering the control and declaration of substances of very high concern (SVHCs) as per regulatory limits.

RoHS Compliant - Anodizing

This certificate confirms compliance with the RoHS Directive, ensuring that anodized aluminium profiles are free from restricted hazardous substances within prescribed limits.

RoHS Compliant - Powder Coating

This certification verifies that powder coated aluminium profiles comply with RoHS requirements, restricting the use of specified hazardous substances in line with applicable regulations.



TUVINDIA

Test Report

Report No : TUVI/NL-14/25-26/NL-0525000150 PI

Date : 14 May 2025

Name and address of customer : Bhoruka Extrusions Pvt Ltd
#1,KRS Road,Matagalil,
Mysore
Pin Code: 570016

Reg No. : NL-14/25-26

CA No. : NL-0525000150

Name of the sample : Recycle more than 75% aluminium content-Black Anodizing

Batch No. : Grade - 6063-T6 Alloy
Color - BLACK

Discipline : Chemical

Product Category : Metal

Date of sample receipt : 08 May 2025

Date(s) of analysis : 08 May 2025 - 14 May 2025

Objectives of Examination : As requested by client, SVHC screening is performed according to (i) Two hundred and Forty-Seven (247) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) Regulation (EC) No 1825/2006 concerning the REACH. Article 33 of Regulation (EC) No 1825/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 58(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information.

REACH Requirement : According to the specified scope and evaluation screening, the results of SVHC are Below 0.1 % (w/w) in the submitted sample. **PASS**

Authorized by : Rabintra Garnaik, Assistant Manager - Operation - ACMT Lab

TUV INDIA PRIVATE LIMITED

Registered & Head Office: 301, Rajah Plaza-1, L.B.S. Marg, Chokkikul (W), Mumbai - 400 081 | CN: LVY16M1188P1030200
Laboratory Address: 1st Floor, A72, Block A, Sector 44, Gurgaon, Haryana - 122002
Phone No: 91-120-4042010-108 Fax: 9106-2594002 E-Mail: anindia@tuv-india.com URL: www.tuv-india.com

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Page 1 of 20

TUVINDIA

Test Report

Report No : TUVI/NL-220/25-26/NL-0525000619

Date : 31 May 2025

Name and address of customer : Bhoruka Extrusions Pvt Ltd
#1,KRS Road,Matagalil,
Mysore
Pin Code: 570016

Reg No. : NL-220/25-26

CA No. : NL-0525000619

Name of the sample : Recycle more than 75% aluminium content-Powder Coating sample

Batch No. : Grade - 6063-T6 Alloy
Colour - Anodic Bronze colour Powder (SW288H)

Discipline : Chemical

Product Category : Polymer

Date of sample receipt : 26 May 2025

Date(s) of analysis : 29 May 2025 - 31 May 2025

Objectives of Examination : As requested by client, SVHC screening is performed according to (i) Two hundred and Forty-Seven (247) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) Regulation (EC) No 1825/2006 concerning the REACH. Article 33 of Regulation (EC) No 1825/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 58(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information.

REACH Requirement : According to the specified scope and evaluation screening, the results of SVHC are Below 0.1 % (w/w) in the submitted sample. **PASS**

Authorized by : Rabintra Garnaik, Assistant Manager - Operation - ACMT Lab

TUV INDIA PRIVATE LIMITED

Registered & Head Office: 301, Rajah Plaza-1, L.B.S. Marg, Chokkikul (W), Mumbai - 400 081 | CN: LVY16M1188P1030200
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Page 1 of 20

TUVINDIA

Test Report

Report No : TUVI/NL-220/25-26/NL-0525000620

Date : 31 May 2025

URL : TC198228000000043F

Name and address of customer : Bhoruka Extrusions Pvt Ltd
#1,KRS Road,Matagalil,
Mysore
Pin Code: 570016

Reg No. : NL-220/25-26

CA No. : NL-0525000620

Name of the sample : Recycle more than 75% aluminium content-Powder Coating sample

Batch No. : Grade - 6063-T6 Alloy
Colour - Anodic Bronze colour Powder (SW288H)

Discipline : Chemical

Product Category : Polymer

Date of sample receipt : 26 May 2025

Date(s) of analysis : 29 May 2025 - 31 May 2025

Sample drawn by : Customer

Objectives of Examination : As per RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Requirement : RoHS 10E

Results Summary : Based on the performed tests on submitted samples, the results of Cadmium, Lead, Mercury, Hexavalent Chromium, Polychlorinated biphenyls (PCBs), Polychlorinated dibutyl ethers (PCDEs) and Phthalates such as Bis(2-ethylhexyl)phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisodecyl phthalate (DIP) Comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Authorized by : Rabintra Garnaik, Assistant Manager - Operation - ACMT Lab

TUV INDIA PRIVATE LIMITED

Registered & Head Office: 301, Rajah Plaza-1, L.B.S. Marg, Chokkikul (W), Mumbai - 400 081 | CN: LVY16M1188P1030200
Laboratory Address: 1st Floor, A72, Block A, Sector 44, Gurgaon, Haryana - 122002
Phone No: 91-120-4042010-108 Fax: 9106-2594002 E-Mail: anindia@tuv-india.com URL: www.tuv-india.com

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Page 1 of 20

TUVINDIA

Test Report

Report No : TUVI/NL-220/25-26/NL-0525000620

Date : 31 May 2025

URL : TC198228000000043F

Name and address of customer : Bhoruka Extrusions Pvt Ltd
#1,KRS Road,Matagalil,
Mysore
Pin Code: 570016

Reg No. : NL-220/25-26

CA No. : NL-0525000620

Name of the sample : Recycle more than 75% aluminium content-Powder Coating sample

Batch No. : Grade - 6063-T6 Alloy
Colour - Anodic Bronze colour Powder (SW288H)

Discipline : Chemical

Product Category : Polymer

Date of sample receipt : 26 May 2025

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Authorized by : Rabintra Garnaik, Assistant Manager - Operation - ACMT Lab

TUV INDIA PRIVATE LIMITED

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Page 1 of 20

Head-Office and Factory

Mysore

No 1, KRS Road, Metagalli Industrial Area,
Metagalli, Mysore-570016

Branches

Bangalore

No. 1001 & 1002,
"A" Wing, 10F,
Mittal Tower, M. G. Road
Bangalore – 560001

Chennai

Regus Chennai office
Centre Private Limited,
No.329, Arcot Road,
3rd Floor, Saligramam,
Chennai – 600092

Delhi

C/o Fume Infotech Pvt. Ltd,
500, 5th Floor, ITL Twin Tower,
Netaji Subhash Place,
Pitampura,
New Delhi-110034

Mumbai

F-438, 4th Floor,
Solaris-1, Sakivihar Road Opp.
to L&T Gate No.6 Andheri (East),
Mumbai - 400072

Pune

Coherent, 2nd & 3rd Floor,
Office No. 201-205, B-Wing,
Signet Corner, Baner,
Pune – 411045



Contact Details

Email

enquiries@bhorukaextrusions.com

Phone

+91-821-4286100

Website

www.bhorukaextrusions.com