

Engineering Polystyrene Solutions

# COMPANY PROFILE

www.ohanauae.com

🔇 800 64 626 🖸 info@ohanauae.com

P.O Box: 132525, Plot no. 93SR44, Abu Dhabi Industrial City ICAD III, Musaffah, Abu Dhabi, UAE

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## ABOUT COMPANY

OHANA Industries LLC is a state-of-the-art manufacturing firm producing high-grade Expanded Polystyrene- EPS & Extruded Polystyrene- XPS Solutions for the United Arab Emirates and the broader Middle East region. Our management team has a combined technical experience of over 60 years in the industry, giving us the knowledge and confidence to provide you with product surety and seamless service.

We are located in Abu Dhabi Industrial City ICAD III, Musaffah, servicing all around the United Arab Emirates & Middle East. Our top-quality manufacturing unit is 300,000 square feet in size and has strength of over 100 industry trained skilled employees. In conjunction with the latest machinery in the industry, we guarantee our clients genuine quality for our entire product range. To ensure on time deliveries we carry large inventories and have a fleet of commercial vehicles.





## WELCOME MESSAGE

## Anil Adnani

Group Chairman of OHANA Industries L.L.C

In the words of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the United Arab Emirates, and ruler of the Emirate of Dubai:

"To take risk and fail is not a failure. Real failure is to fear taking any risk". Living in UAE since 1972, the above words of wisdom and the cultural melting pot that UAE personifies is the foundation of OHANA Industries. With the vision for growth and environmental sustainability within the UAE economy, we have invested in OHANA Industries to supplement the already growing packaging and construction industry. OHANA Industries manufactures and supplies Expanded Polystyrene, or EPS & Extruded Polystyrene, or XPS as it is more commonly known, which is 100% recyclable and causes minimum damage to the environment. OHANA means "family" and this reflects in our team of experts whose core values of integrity, loyalty and punctuality ensure that our products are delivered to you with the highest level of quality and guaranteed within the timeframe we have promised you. This is our unique proposition which differentiates us from the market and we look forward to exceeding your expectations.



# VISION & MISSION

## Vision

To be the leading provider of engineered polystyrene solutions in the region, recognized for our commitment to sustainability and innovation, shaping the future of various industries and fostering strong community partnerships..

## Mission

Vision

To engineer innovative polystyrene solutions that enhance construction, insulation, packaging, and other engineering applications in the region, while prioritizing sustainability, quality.



## CORE COMPETENCIES



## **CUSTOMIZED SOLUTIONS**

We work closely with our clients to understand their specific needs, providing tailored EPS and XPS polystyrene solutions that meet the highest standards of quality and performance.



## ADVANCED MANUFACTURING

Utilizing cutting-edge technology and decades of expertise, we ensure precision in every product, from thermal insulation boards to complex 3D shapes, delivering consistent and reliable results.



### **COMPREHENSIVE SUPPORT**

From consultation through to delivery, our experienced team offers seamless service, ensuring that our products integrate smoothly into your projects for optimal efficiency and effectiveness.



# OUR PRODUCTS



## **Expanded Polystyrene (EPS)**

Expanded Polystyrene (EPS) is a rigid, closed cell, thermoplastic foam material produced from solid beads of polystyrene, which is polymerised from styrene monomer and contains an expansion gas (pentane) dissolved within the polystyrene bead.

Each solid polystyrene bead contains small amounts of gas which expand when heat (in the form of steam) is applied, thus forming closed cells of EPS. These expanded cells occupy approximately 40 times the volume of the original polystyrene bead, and so with a second heat treatment using a mould, large EPS blocks can be moulded into specific customised shapes.

## **Extruded Polystyrene (XPS)**

XPS foam board is a rigid thermoplastic material manufactured from polystyrene. Polystyrene is a synthetic, hydrocarbon polymer derived from benzene and ethylene, two petroleum products. XPS foam board is often used for above-grade insulation applications such as walls, ceilings, attics and roofs as well as for below-grade applications such as foundations and basements. When used above-grade, it can reduce thermal bridging and improve energy efficiency.



## APPLICATIONS OF EPS

### **Construction & Insulation**



**Thermal Block Inserts** 

This product is used as an insulating material in between cement blocks.



Insulation for EIFS

Provides exterior walls with insulated, water-resistant, finished surface in an integrated composite material system



Pipe Insulation For heating ventilation and air conditioning systems.

#### **EPS Blocks/Sheets**

EPS blocks can be used as insulation for cavity walls, ducts, and floors and many more



EPS Voids

Enables construction sites to create void spaces, shapes, and holes for cables, plumbing pipes and electrical networks.



EPS Piling cylinders Used for guide walls when there is an irregular soil foundation



#### Geo-Foam

Used for Extending roads, below airport runways, bridge underfills, rail embarkments, levees, stadium and theatre seating



Floatation for pontoons & marinas Best for pontoons & marinas because of the tremendous physical properties



## APPLICATIONS OF EPS

### **Packing & Packaging**

Food Packaging Ideal packaging material for food items.



#### Industrial Packaging

Ensures shock absorption, safe transportation and protection of high value industrial appliances



**Agriculture & Horticulture** 

EPS seeding trays

EPS has the capacity to maintain stable temperatures for soil, which allows faster and better development for the planted seeds.



#### **EPS Flower Pots**

Assure you that the outdoor season for the plants can be extended because of the optimum temperature protection that the EPS material offers.





Foam Beads Used as fillings for bean bags, cushions or toys.

#### EPS Pillars

Cater to all types of events that require a grand entrance.



Material to cut all kinds of 3D shapes and models because it is light weight, durable and has easy workability.

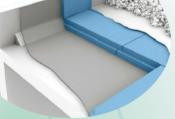


#### **EPS Letter Cut Outs**

Material to cut all kinds of Alphabets or symbols for decoration



## APPLICATIONS OF XPS



#### **Roof Insulation**

Ideal for flat roofs, roof gardens, and parking decks, providing superior thermal performance.

#### **Floor Insulation**

Ideal for Commercial and industrial buildings, as well as residential homes in colder climates requiring efficient thermal insulation.



#### **Cold Storage Insulation**

Maintains optimal temperatures, making it essential for cold storage facilities.



#### **Exterior Wall Insulation**

Ideal for Commercial buildings, residential complexes, and institutional structures requiring energy efficiency and moisture control

#### **Below Grade Insulation**

1

Perfect for insulating basement walls and perimeter areas, ensuring long-lasting protection



# TECHNICAL DATA SHEET

| s                   | PRODUCT GROUP   | EXPANDED POLYSTYRENE (EPS) EXTRUDED POLYSTYRENE (XPS) |               |               |               |               |               |               |               |               |               |
|---------------------|---|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Standards           | ASTM C 578 : 2018   | TYPE XI   | TYPE I        | TYPE VIII     | TYPE II       | TYPE IX       | TYPE XIV      | TYPE XV       | TYPE VI       | TYPE VII      | TYPE V        |
|                     | OHANA   | OE-FOAM<br>15   | OE-FOAM<br>18 | OE-FOAM<br>22 | OE-FOAM<br>29 | OE-FOAM<br>38 | OE-FOAM<br>48 | OE-FOAM<br>60 | OX-FOAM<br>35 | OX-FOAM<br>48 | OX-FOAM<br>50 |
| Physical Properties | Compressive Resistance<br>(@ yield or 10 % deformation, which occurs<br>first, min kPa)                             | 35  | 69            | 90            | 104           | 173           | 276           | 414           | 276           | 414           | 690           |
|                     | Thermal Resistance<br>( of 25.4 mm thickness @ mean tempreture<br>of 35°C min and 60% RH min ,K-m <sup>2</sup> /W ) | 0.53  | 0.6           | 0.64          | 0.67          | 0.71          | 0.71          | 0.73          | 0.84          | 0.84          | 0.84          |
|                     | Thermal Conductivity<br>(max, W/m.K @ 35 *C and 60 % RH)  | 0.0482  | 0.0419        | 0.0394        | 0.0377        | 0.0356        | 0.0356        | 0.0347        | 0.0303        | 0.0303        | 0.0303        |
|                     | Flexural Strength<br>(min, kPa)   | 70  | 173           | 208           | 240           | 345           | 414           | 517           | 414           | 517           | 690           |
|                     | Water Vapor Permeance<br>( of 25.4 mm thickness, max, perm )  | 5.0   | 5.0           | 3.5           | 3.5           | 2.5           | 2.5           | 2.5           | 1.1           | 1.1           | 1.1           |
|                     | Water Absorption<br>( total immersion, max, volume % )  | 4.0   | 4.0           | 3.0           | 3.0           | 2.0           | 2.0           | 2.0           | 0.30          | 0.30          | 0.30          |
|                     | Dimensional Stability<br>(change in dimensional, max %)   | 2.0   | 2.0           | 2.0           | 2.0           | 2.0           | 2.0           | 2.0           | 2.0           | 2.0           | 2.0           |
|                     | Oxygen Index<br>( min, volume %)  | 24  | 24            | 24            | 24            | 24            | 24            | 24            | 24            | 24            | 24            |
|                     | Density<br>(min, Kg / m <sup>3</sup> )  | 12  | 15            | 18            | 22            | 29            | 38            | 48            | 29            | 35            | 48            |



# TRADE LICENSE

مكتب تنمية الصناعة Industrial Development Bureau

دائـــرة الــــتـــهــــة الاقــتـصـاديـــة DEPARTMENT OF ECONOMIC DEVELOPMENT

رخصة صناعية



|                  | Li      | cense No           |      |                 | N-2004930                 |     | قم الرخصة             | ,            |                      |
|------------------|---------|--------------------|------|-----------------|---------------------------|-----|-----------------------|--------------|----------------------|
| Emerg            | ing Ind | lustrial Establish | men  | t               |                           | 4   | ساعرة ناشد            | ش_اة م       | مك                   |
| License Status   | : Pi    | roduction          |      |                 |                           |     | ول                    | <u>-sa</u> : | حالة الرخصة          |
| Legal Form       | : Li    | mited Liability Co | mpar | ny              |                           |     | كة ذات ممزولية محدودة | : شر:        | الشكل القانوني       |
| ADCCI No         | :       |                    |      |                 |                           |     |                       | 1.1          | عضوية الغرفة         |
| First Issue Date |         | 18/04/2022         |      | تاريخ أول إصدار | Enviroment No,            | 4   |                       | - († )-      | الرقم الييني         |
| Issue Date       | 1       | 18/04/2024         | :    | تاريخ الإصدار   | FCR No.                   | :   | 1.1.251.1             |              | السجل المركزي الموحد |
| Expiry Date      | 1.2     | 17/04/2027         | - 1  | تاريخ الإنتهاء  | Trade Name No.            | 1   | TN-4440559            | 10           | رقم الإسم التجاري    |
|                  |         |                    |      | ~~              | او هانا للصناعات = ذ      |     |                       | 141          | الإسم التجاري        |
| Trade Name       | 1.84    |                    |      | Ohar            | na Industries - Llc       |     |                       |              |                      |
| Location         | 1.0     |                    | Ab   | u Dhabi - Mu    | ssaffah - ICAD III - 93SF | R44 |                       | 19           | موقع المنشاة         |
|                  |         |                    |      |                 |                           |     |                       |              |                      |

Owner(s) Partner(s)

اسم صاحب المتشاة / الشركاء

|  | الجنسية الشراكة نسبة الشراكة<br>Share (%) Role Nationality |                   |                              | الدحلاف / الشركساء<br>Owners / Partners   |       |  |  |  |
|--|--|-------------------|------------------------------|---|-------|--|--|--|
| 51   | .00 %  | شريك              | الهند                        | انیل هیر اتاند . انتانی   |       |  |  |  |
| 01.  | .00 /0   | Partner           | India                        | Anil Hiranand Adnani  | 1     |  |  |  |
|  |  | شريك              | المملكة المتحدة              | فانشا اليل . انذلني   |       |  |  |  |
| 49.00 %                                    |  | Partner           | United Kingdom               | Vansha Anil Adnani  | 2     |  |  |  |
| Activ                                      | vities   |                   |                              | غلة المحالية | رفش   |  |  |  |
| Activ                                      | vity   |                   |                              | וינהום  | #     |  |  |  |
| 1  | Semi-N   | anufactures of Pl | astic Products Manufacturing | منناعة منتجات لدانتية نصف مصنعة   | 1     |  |  |  |
| 2  | Plastic  | Buckets and Con   | tainers Manufacturing        | مستاعة الدلاء والأوعية البلاستيكية  | 2     |  |  |  |
| Prod                                       | ucts   |                   |                              |   | منتجا |  |  |  |
| Prod                                       | uct  |                   | A Sector Concern             | الننتع  | #     |  |  |  |
| 1 Thermal Insulation Panels of Polystyrene |  |                   | is of Polystyrene            | الواح العزل الحراري من البوليسترين  | 1     |  |  |  |
| 2 Polystyrene Boxes                        |  |                   |                              | صناديق من البوليسترين   |       |  |  |  |

الترخيص صادر من قبل سلطة الترخيص المعلية في إمارة أيوظبي خارج المناطق الحرة The license is issued by the local licensing authority in the Emirate of Abu Dhabi outside the free zones

aniladnani@lotusdxb.com



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البريد الالكثروني الرسمي رقم الهاتف المتحرك الرسمي





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ISO 9001



## **Certificate of Registration**

## **OHANA INDUSTRIES LLC**

PLOT NO: 93SR44, ICAD III, ABU DHABI, UNITED ARAB EMIRATES

has been assessed and Certified by Ostia Management Pvt. Ltd. as meeting the requirements of:

## ISO 9001:2015 Quality Management System

For the following scope of activities:

• MANUFACTURING OF RIGID THERMAL INSULATION SHEET (XPS) • PACKING AND PACKAGING MATERIAL MANUFACTURING (EPS)

Date of Registration 1st Surveillance Due 2nd Surveillance Due Recertification Due(subject to the company maintaining its system to the required standard) : 25 December 2023 : 24 December 2024 : 24 December 2025 : 24 December 2026

EA Code: 14 Certificate No:- 1225Q205823 To Verify this certificate please visit at www.ostiamanagement.com





OSTIA MANAGEMENT PRIVATE LIMITED Accredited by IAS (International Accreditation Service, Inc.) (3060 Saturn Street, Suite 100, Brea, California 92821 U.S.A.) Validity of this certificate is subject to annual surveillance audits done successfully

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ISO 14001



## **Certificate of Registration**

## **OHANA INDUSTRIES LLC**

PLOT NO: 93SR44, ICAD III, ABU DHABI, UNITED ARAB EMIRATES

has been assessed and Certified by Ostia Management Pvt. Ltd. as meeting the requirements of:

## ISO 14001:2015

## **Environmental Management System**

For the following scope of activities:

• MANUFACTURING OF RIGID THERMAL INSULATION SHEET (XPS) • PACKING AND PACKAGING MATERIAL MANUFACTURING (EPS)

Date of Registration 1st Surveillance Due 2nd Surveillance Due Recertification Due(subject to the company maintaining its system to the required standard) : 25 December 2023 : 24 December 2024 : 24 December 2025 : 24 December 2026

EA Code: 14 Certificate No:- 1225E205923 To Verify this certificate please visit at www.ostiamanagement.com









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ISO 45001



## **Certificate of Registration**

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PLOT NO: 93SR44, ICAD III, ABU DHABI, UNITED ARAB EMIRATES

has been assessed and Certified by Ostia Management Pvt. Ltd. as meeting the requirements of:

## ISO 45001:2018

Occupational Health & Safety Management System

For the following scope of activities:

• MANUFACTURING OF RIGID THERMAL INSULATION SHEET (XPS)

• PACKING AND PACKAGING MATERIAL MANUFACTURING (EPS)

Date of Registration 1st Surveillance Due 2nd Surveillance Due Recertification Due(subject to the company maintaining its system to the required standard) : 25 December 2023 : 24 December 2024 : 24 December 2025 : 24 December 2026

EA Code: 14 Certificate No:- 1225O206023 To Verify this certificate please visit at www.ostiamanagement.com





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### **Environmental License**





| Environmen                                  | tal Permit  |  | رخصة بينية                |
|---|---|--|---------------------------|
| License No.<br>Project No.                  |   | F-1766<br>AC-1766                              | رقم الرخصة<br>رقم المشروع |
| Project Name                                | OHANA INDUSTRIES - LLC  | او هانا للصناعات - ذ,م,م                       | اسم المشروع               |
| Location                                    | Abu Dhabi, ABU DHABI INDUSTRIAL CITY,<br>ICAD III. 93SR44   | أبوظبي، مدينة أبوظبي الصناعية، ايكاد 3، 935R44 | الموقع                    |
| Project Status                              | Operation Phase   | مرحلة التشغيل                                  | مرحلة<br>المشروع          |
| Issue Date                                  | 16  | /05/2024                                       | تاريخ الاصدار             |
| Expiry Date                                 | 15  | /05/2025                                       | تاريخ الانتهاء            |
| Proponent                                   |   |  | اسم المالك                |
| Vansha Anil Ad                              | nani  |  | فانشا انبل . ادناني       |
| Anil Hiranand A                             | dnani   |  | انيل هير اناند . ادنان    |
| Sector                                      |   | N  | قطاع                      |
| Plastic Products                            | s   | 4  | المنتجات البلاستيكم       |
| Activities                                  |   |  | الأنشطة                   |
| Semi-Manufact                               | ures of Plastic Products Manufacturing  | تنية نصف مصلعة                                 | صناعة منتجات لدا          |
| Plastic Buckets                             | and Containers Manufacturing  | عية البلاستركية                                | صفاعة الدلاء والأو        |
| to all th<br>enviror<br>conditi<br>• The en | rmit has been issued providing adherence<br>he submitted information and EAD-approven<br>mental studies, in addition to the attached<br>ons.<br>vironmental conditions attached are integra<br>ust not be separated from this permit. | معتمدة من الهينة، والشروط البينية المرفقة به   | البرنوبة ال               |

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سري - Classification: Confidential

## **EmiratesGBC**



This is to certify that

## Ohana Industries L.L.C

Supports the promotion and development of Sustainable Buildings in the United Arab Emirates, and is a

# Corporate Member of the



July 2024- December 2024

Printed on Recycled Paper

Khaled Bushnaq

Chairman



Habiba Al Marashi

Co-Founder, Vice-Chair & Treasurer

### **DCL CONFORMITY**



### **CERTIFICATE OF PRODUCT CONFORMITY**

Dubai Central Laboratory Department (DCLD) of Dubai Municipality hereby attests that the product(s)

#### **Rigid Cellular Polystyrene Thermal Insulation**

(Details as per the attached Scope of Certification)

manufactured by:

#### **OHANA INDUSTRIES -LLC**

#### Abu Dhabi-Mussaffah-ICAD III-93SR44

have been assessed in accordance with DCLD Document Ref. No. DM-DCLD-RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

#### ASTM C 578: 2023

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark on the above-mentioned product(s).



ENG. MAJED AL SHAMSI Certification and Quality Control of Products Section's Acting Manager Dubai Central Laboratory Department-Dubai Municipality



Certificate No: CL24020902 Valid Until: 05/08/2025



Current Issue Date: 06/08/2024 Original Issue Date: 06/08/2024



The attached Scope of Certification bearing the same Certificate Number forms an integral part of this Certificate. This Certificate is an electronic document subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

OPEN-DATA





# ECO-FRIENDLY

At OHANA Industries, we prioritize sustainable practices by reducing air pollution, managing waste efficiently, and recycling water. Our Expanded Polystyrene Blocks (EPS) and Extruded Polystyrene (XPS) help cut carbon dioxide emissions, offering excellent thermal insulation while reducing energy consumption in construction. Both materials are long-lasting and require less energy to manufacture compared to traditional methods.

We focus on controlling key environmental metrics: maintaining a low Ozone Depletion Potential (ODP) and ensuring a Global Warming Potential (GWP) of less than 5. Our EPS and XPS are made using "pentane," an environmentally friendly blowing agent free of CFCs and HCFCs. XPS also supports recyclability, contributing to waste reduction and a circular economy.







**Global Village** 



Ехро 2020

6

### **Downtown Dubai**





**Dubai Creek Harbour** 

# PRESTIGIUOS BUSINESS PARTNERS







Engineering Polystyrene Solutions

# OUR CONTACT

- 800 64 262
- info@ohanauae.com
- 💮 www.ohanauae.com
- P.O Box 132525, Plot no. 93SR44, Abu
  Dhabi Industrial City ICAD III, Musaffah,
  Abu Dhabi, UAE