ليجان لتجهيز الابنية بالمواد العازلة (ش.ذ.م.م)

Lijan insulation

CONTRACTING LLC

Global Insulation Partners

LIJAN Group of companies, headquartered in Dubai, United Arab Emirates, provides turnkey solution in all types of Insulation and Architectural Installation to marine and industrial Projects. The group professionally manages the following companies.

LIJAN INSULATION CONTRACTING LLC
P. O. Box : 84801, Dubai - U.A.E.
E-mail : lijan@eim.ae
Tel. : 00971 4 2674966
Fax : 00971 4 2675477
www.lijangroup.com

SEAWAY MARINE ENGINEERING SERVICES LLC
P. O. BOX : 1686, SHARJAH - U.A.E
E-mail-sea_way@eim.ae
Tel.: 00971 6 5343933
Fax:00971 6 5343925
www.seawayengineering.com

LIJAN INSULATION CONTRACTING LLC. the flagship company of LIJAN Group is a reputed Contracting and Trading company based in Dubai, UAE. This is managed by a professional team having extensive experience in various Insulation jobs.

We offer comprehensive repairs and maintenance service in insulation to Power & Desalination plants, Refineries & Petrochemical Plants, Offshore & Onshore Oil Rig Platforms and Industrial Plants viz Cement, Steel, Fertilizer, Chemical etc.

We provide Project Engineering and Contracting in:

- Hot/A-60/Cold/Cryogenic/Acoustic Insulation
- GI/Stainless steel/Aluminium Cladding
- Ventilation Trunking and ducting
- Marine accommodation and deck covering

We stock the following:

- Ventilation Roof Fans
- Class approved Rockwool Insulation.
- Calcium Silicate Blocks & Pipe Covering
- CD Welding machines and accessories
- Stud weld pins and washers
- SS insulation fasteners

Our wide base of activities with specialized workforce, meet our customer's varied requirements in

EXCELLENT QUALITY | COMPLIANCE WITH SPECIFICATION | TIMELY COMPLETION

OUR PRESTIGIOUS CLIENTS

- Schlumberger
- Lamprell Engergy
- Gulf News
- Dow Ucar Chemicals
- ENOC
- ADNOC
- Oman Navy - RNOV Project
- Thermo Offshore & Industrial Div.
- LRC Speciality Chemicals
- Harris Pye Gulf
- United Arab Shipping
- EMAL Abu Dhabi
- Perro Negro Rigs
- APT Global Marine Services
- Ensco Rigs
- Diamond Offshore
- Adams Ship Repairs
- Adyard Abu Dhabi
- Al Banna Engg
- Rowan Rigs
- Drake & Skull Dubai

- Maritime Industrial Services
- J Ray Mc Dermott
- Nuplas Industries Jebel Ali
- Axcl Lube, Hamriyah FZC
- Kinetic Engineering Sharjah
- Ocean Diving Centre
- INCO Intl. FZC
- Elite Ventures, Fujairah
- Al Naboodah Engg. LLC
- Falcon Mech. Services
- Kanoo Group
- JBF RAK, Ras Al Khaimah
- SEMCO Maritime
- Gulf Petrochem, Hamriyah FZ
- Scott Bader, JAFZ
- Reem Rubber
- Noble Rigs
- Weatherford Drilling Intl.
- Emirates Refining Co. Sharjah
- Henkel Polybit UAQ
- Spec Intl.

HOT INSULATION AND CLADDING

Chemical Storage Tanks

We undertake all type of insulation projects for Marine, Industrial and Commercial sector. We offer turnkey solution from the Concept-Design-Engineering-Detailed Drawing-Expertise-Fabrication and Installation.

We work with all type of Insulation material like Rockwool/Calcium Silicate/Ceramic Fiber/ Cellular Glass etc and Jacketing material like Aluminium/GI/Alloy metal/Stainless steel, using local/International certified material.

Re Boilers & Column

Chemical Reactor

We specialize in executing hot insulation and Jacketing for:

* Bitumen storage Tanks and piping
* Skid mounted vessel insulation and dehydrators
* Chemical Reactors
* Boiler and associated pipes
* Refineries and Petrochemical plants
* Power and Desalination plants
* Oil and Gas upstream-Offshore and On shore application

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HOT INSULATION AND CLADDING

Bitumen Storage Tanks

Desalination Plant

Skid Mounted Vessel

Calcium Silicate for Pipes

Columns

Tank

Boiler Stacks

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MARINE ACCOMMODATION

Engine Exhaust Insulation

We offer Survey, Design, Engineering, Procurement, Installation and Project Management for Marine & Offshore Living Quarters Refurbishment and New builds.

We undertake various scopes of work in Accommodation like:

* Bulk head and Deck head Panelling System.
* Doors and Windows with Cabin Furnishing
* Bathroom cubicle and ablution unit
* Deck composition and covering.
* Conference Room & Galley Equipment

Crew Accommodation

SS Bathroom Partition Panel

We specialise in executing:

* Ventilation Trunking
* HVAC Ducts
* Fire rated insulation for Bulkheads & Deck heads
* Air conditioning ducting and Insulation
* Engine Exhaust & cooling pipes for Jack up Oil Rigs
* Insulation pads for Mufflers

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MARINE INSULATION

SS Hand Rails

Cooling Lines on Jack up Rigs

Insulation Pad for Muffler

HVAC Duct Cladding

Cement Unit Insulation on Rigs

A-60 Insulation on Bulkhead

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COLD & CRYOGENIC INSULATION

Thermal Energy Storage Tanks

We undertake all type of Cold/Cryogenic Insulation and cladding Projects for a temperature range up to -162 Degree Celsius.

We work with all type of cold Insulation material like cellular glass / fiber glass / Elastomeric rubber / Polyurethane / polyisocynurate and cladding material like Aluminium / Alloy metal / Stainless Steel

Plant Room Cladding

Cryogenic Insulation for LNG Pipes

We specialize in executing Cold/Cryogenic insulation for:

* Mooring Buoy
* Chilled Water Pipes & Tanks
* Liquified Natural Gas Tanks and associated pipes
* Liquified Natural Gas Tanks and Vessels
* Storage Tanks and Reactors
* Refineries and Petrochemical Plants.

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COLD & CRYOGENIC INSULATION

Chilled Water Tank Cladding

Chilled Water Pipe Cladding

HVAC Duct Cladding

Pump Cladding

Cryogenic Insulation for LNG Tanks

PUF Insulation for Reactor

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TURBO ROOF VENTILATORS

LIJAN Group Of Companies headquartered at Dubai, UAE specializes in providing turnkey solutions in all kinds of Insulation and Ventilation systems for Marine & Industrial sectors.

We are greatly pleased to launch the all new 'TURBO ROOF VENTILLATORS' for Industrial & Commercial requirements in the Middle East. The wind driven ventilators to enhance natural ventilation in factories, warehouses and other Industrial & Commercial facilities have been designed and manufactured by M/s. ARTITH MACHINERY LTD, THAILAND, who are pioneers in the field of both Industrial & domestic ventilation since 1984. ARTITH is a valued member of AMCA (The Air Movement & Control Association International Inc.)

DYNAMICS OF TURBO VENTILLATORS

- Turbo Roof Ventilators consists of a turbine, adaptor and base. The turbine in turn is a sheath of vanes fixed around an axis which starts spinning at the slightest breeze thereby inducing air flow by centrifugal action.
- The centrifugal force developed inside by the spinning of wind creates a region of low pressure within the turbine thereby drawing out air from the roof space.
- Air expelled is continuously replaced by fresh air from outside.
- Low velocity wind maintains the centripetal force required for the turbine to remain in motion and thereby ensure suction.

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TURBO ROOF VENTILATORS

SALIENT FEATURES

- More comfortable summer: Turbo Ventilators replace super heated attic air with fresh air lowering roof space temperature considerably, in turn reducing the amount of heat radiating into working areas.
- Improves working conditions and increases productivity.
- No power consumption & operational costs.
- Assured Ventilation for 24hrs/365 days.
- Eco friendly.
- Unique Maintenance Free Design: The unique Aluminum vane design and construction without bearings prevent wear and tear.
- Easy installation.
- Dispels foul smell and maintains hygienic conditions
- No accidental hazards arising from short circuits and electrical shocks.
- Silent Operations.

PRODUCT RANGE

Size Ø (A)	Number of blades	Diameter (Impeller) Ø (B)	Weight (kg)	The efficiency of the ventilation (Average speed 6 Miles/Hour)
14"	24	19"	2.8	72,000 CFH
18"	30	22.5"	3.4	92,000 CFH
22"	36	28"	7.2	170,000 CFH
25"	42	30"	8.2	190,000 CFH
30"	42	41"	15.8	240,000 CFH
39"	54	46"	19.2	350,000 CFH

Composition :

Vane : Aluminum /Stainless steel
Adaptor : Galvanized Steel/Stainless steel
Base : Galvanized Steel/Stainless steel

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