Company Profile

LF (Lianfa Factory & Lead Frame Engineering) is professional manufacturer and engineering company for space frame and steel structure project with full capability of RESEARCH, DESIGN, FABRICATION, CONSTRUCTION, SUPERVISION SERVICE FOR OVERSEA PROJECT.

The company has equipped with advanced software and system, and it has many experienced designers and technical engineers.

Also the company has already established strategic cooperation relationship with many universities, construction design institutes, etc. which enable the company to have high capability of designing and consulting in the professional field.
Company Advantages

Our competitiveness arises from advanced engineering for tubular structures that allow:

- Any structure, Shape, Span & Loading
- Optimized minimum mass design
- Durable materials & finishes (Galvanized & Stainless Steel, Aluminum, Composites & Factory-applied Finishes)
- Fast Delivery & Construction in Any Location

For over 15 years, LF has been recognized internationally for its expertise in design & construction of space frames, domes & free-form structures with all product compliant with sustainable building requirements. LF is credited with many landmark projects throughout China, Malaysia, Thailand, Philippines, U.A.E., Jordan, Australia, India, Maldives, Africa, etc.

LF maintains high engineering standards and talented management to consistently ensure the design, construction & service requirements of each structure & application are affordably achieved.
LF Design

Our design team is comprised of professional engineers with master’s or bachelor degrees. Using software SFCAD, 3D3S, PKPM, PS2000, AUTOCAD, they are able to ensure the quality of designs of our structures.

We also have already established strategic cooperation relationship with many universities, construction design institutes, etc. which enable the company to have high capability of designing and consulting in the professional field.

We are good at designing in accordance to design code of AISC, BS, DIN, JIS and GB to satisfy different customers’ requirements.
Company’s Certificate
Steel Structure Processing
SGS INSPECTION

SGS CERTIFICATE (material test)

Country center issues Inspection Report after inspecting
### Finishing Treatment System I (Recommend):

<table>
<thead>
<tr>
<th>Paints</th>
<th>1st paint</th>
<th>2nd paint</th>
<th>3rd paint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint name</td>
<td>Epoxy zinc-rich prime</td>
<td>Micaceous iron epoxy medium paint</td>
<td>Acrylic PU finishing coat</td>
</tr>
<tr>
<td>Dry paint thickness</td>
<td>60µm</td>
<td>30µm</td>
<td>35µm</td>
</tr>
</tbody>
</table>

### Finishing Treatment System II:

<table>
<thead>
<tr>
<th>Paints</th>
<th>1st paint</th>
<th>2nd paint</th>
<th>3rd paint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint name</td>
<td>Galvanized or zinc spray</td>
<td>Epoxy sealer</td>
<td>Epoxy sealer</td>
</tr>
<tr>
<td>Dry paint thickness</td>
<td>60µm</td>
<td>20µm</td>
<td>20µm</td>
</tr>
</tbody>
</table>

### Finishing Treatment System III:

<table>
<thead>
<tr>
<th>Paints</th>
<th>1st paint</th>
<th>2nd paint</th>
<th>3rd paint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint name</td>
<td>Galvanized or zinc spray</td>
<td>Powder coating</td>
<td></td>
</tr>
<tr>
<td>Dry paint thickness</td>
<td>60µm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other finishing treatment system: By customer’s request.
Ball blast, painting and painting inspection on steel components

Structural corrosion
Color Corrugated Steel Sheet

Corrugate Sheet in Factory

Color painted steel coil will be corrugated in factory
Container loading in factory
It is suit for small quantities, short installation period projects

Corrugate sheet in site

Reinforce color painted steel coil in container
Corrugate steel sheet in project site
It is suit for large quantity, long installation period projects

Finished Installation Project

PHILIPPINE APEC COAL SHED
PHILIPPINE CALACA 2X135MW POWER PLANT COAL STORAGE
PHILIPPINE TOLEDO COAL SHED
Packing
Small parts packed in wood carton. Big parts packed by steel frame.

Shipment
Delivery goods in factory and transported to sea port by truck. Container loading.
Installation

Installation: Supervision

According to the project quantity and complexity, 1-3 engineers who have rich experience in installation will be sent to do supervision in site.

For now, supervision projects has been in Philippines, Togo, Malaysia, UAE. All spoke highly by the owner.

INSTALLATION SUPERVISION
Main Structure: Design life is 50 years

Warranty

Main structure: In 50 years, we do all the warranty except paint problem and human damage.

Cladding panel: According to using in different regions, if in the typhoon prone areas, wind is very strong, roof panel warranty is 5-8 years, our Toledo, Panay coal storage roof panels don’t damage by Halyan Typhoon. If out of main influencing zone of a typhoon, our roof panel warranty time could be 8-10 years.