

SANA BUILDING SYSTEMS

COMPANY PROFILE



www.sbslftz.com



Trust

Integrity

Pioneering
Care

Visionary

Trust

Transparency

Innovation



SANA BUILDING SYSTEMS

we care

COMPANY PROFILE | SANA BUILDING SYSTEM

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General



About Us

Sana Building Systems LFTZ is established By Sana Group, located in Lagos, Nigeria. Sana Group is widely recognized as a successful, growing, And dynamic Nigerian Company with business units focused on various construction industry sectors. Companies comprising the Sana Group are:

Sana Global Projects Ltd /SARL; providing highly efficient turnkey Construction projects in Nigeria, Ghana, and Chad.

Sana Blocks Ltd; A company producing high quality concrete blocks Supplying the most recognized construction companies and the landmark projects in Nigeria.

Sana Trading Resources Ltd; offering high quality imported construction products, specializing in concrete floor finishes and a wide range of waterproofing materials and concrete Additives Manufacturing.

Sana Building Systems LFTZ; a company to design and fabricate pre-engineered buildings (PEB) and hot-rolled steel structures (HRSS) with accessory items for the Nigerian and West African markets..

Sana Group is a successor company to the original company, Sana Construction Ltd, formed by **Eng. Alaa AL Ghadban in 2007.**

In the years since the founding of Sana Construction Ltd, Mr Alghadban along with his hard-working team headed by Mr Mouin Alghadban who runs the daily operations. Have been active in all sectors of the construction industry in the West African region. He is recognized as an industry leader for his focus on product quality, demanding site execution standards, and for his innovative but practical solutions to problems encountered by his clients.



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He has worked tirelessly to improve the standard of construction in the region by introducing high quality products and construction techniques. The establishment of Sana Building Systems LFTZ is the Group's latest contribution to improving product quality and construction efficiency in the region.

Mr Al Ghabban recognized that owing to deficiencies in local steel fabrication companies, Nigerian contractors (and contractors throughout the West African region) and their clients suffered quality, time control, cost control problems and encountered major scheduling delays in their construction projects. The solution to-date has been to import fabricated building components from the Middle East, Asia, Europe, and North America. Although this solution addressed the quality and scheduling problems at site, projects continue to be burdened with the extended lead times associated with imports and, of course, excessive freight and clearing costs.

Having had the experience of importing buildings for projects Sana Global itself was executing, Mr Alghadban has first-hand knowledge of the additional time, problems, and costs involved in importing quality steel. But he used this experience to gain knowledge about the processes and machinery employed by those foreign fabricators to produce large volumes of steel without sacrificing quality.

He determined that the time is right to setup an integrated PEB (pre-engineered buildings) and hot rolled steel fabrication factory here in Nigeria. This new venture is Sana Building Systems LFTZ.

From the beginnings, the Sana Building Systems site and factory complex was designed with all the structures, machinery, material handling systems, maintenance facilities, offices, and crane-serviced storage Yards to produce 6000 metric tons of PEB components per month.

This output consists of approximately 3,600 MT of built-up main-frame members, 1,200 MT of secondary cold formed "C" & "Z" members, and 1,200 MT of Panels & Panel Accessories per month. In addition, the factory is equipped to produce an additional 2,000 MT /month of Hot Rolled Steel Structures (HRSS). After planned expansion, the HRSS capacity will increase to 4,000MT/month.

Overall designed capacity at the SBS Lagos Free Zone facility is 10,000 metric tons of steel structures and components per month. 120,000MT per year!!

Vision

Sana Building Systems LFTZ will become the largest and most influential supplier of pre-engineered metal buildings (PEB) and hot rolled steel structures (HRSS) in sub-Saharan Africa. We intend to expand the use of steel buildings to wider market application. This is achieved by offering the most complete and economical product offering for virtually any industrial, commercial, and low-rise commercial project. Sana Building Systems will expand commercially into related products and services that complement our core PEB and HRSS offering. This will enable growth into a wider market segment and more comprehensive building solutions.

Sana Building Systems LFTZ will achieve this goal by applying the latest available Technology resulting in the lowest cost of engineering and lowest production cost in the industry. We embrace business values that enable customers to perceive us as trustworthy, transparent, and reliable. Our employees will benefit from technical training and exposure in a proactive business environment fostering team-work and honesty as the only acceptable workplace behavior. We created a workplace environment that recognizes and rewards outstanding employees whom we will assist in reaching their maximum potential through continuous training and skills development.

Mission

Sana Building Systems mission is:

- To establish Modern PEB industry in west Africa using Nigerian /African Work force
- Train the Nigeria /African workforce to be part of this industry
- To be most competitive and responsive PEB/HRSS supplier in our target market.
- To gain Market recognition as the most trusted and dependable source for pre-engineered and structural steel in our market. This recognition will be wide- spread through the market's construction industry from consultants to contractors; from end-users to government entities; from suppliers to banks; shared by all construction industry sectors.
- To Develop as it grows more environment friendly products and Deliver more Green buildings.
- To Expand its Products to include building accessories and raw materials to achieve highest percentages of locally manufactured Buildings Systems.



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sales@sbslftz.com

ISO Certifications

CERTIFICATE OF REGISTRATION



PEERS QUALITY ASSURANCE LTD

This is to certify that
SANA BUILDING SYSTEMS LFTZ

Of
 PLOT # S7-LZ-65, C/O Lagos Free Trade Zone, Ibeju Lekki,
 LGA Lekki, Lagos, Nigeria

Operates a **Quality Management System** which has been assessed as conforming to:

ISO 9001:2015

For the Scope of Activities:
 Design, Estimation, Fabrication & Erection of Pre Engineered Steel Buildings (PEB) and Hot Rolled Structural Steel (HRSS).

Certificate Number: UAE/5/2105260983 Date of Initial Assessment: 26/11/2021 Date of Registration: 29/11/2021 Date Re-Issued: N/A Date of Expiry: 29/11/2022	Certificate approved by:  Chris McMillan - Managing Director Peers Quality Assurance Limited
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This Certificate remains the property of
 Peers Quality Assurance Limited
 Suite 2, Austin Court
 Walsall Road
 Four Oaks
 Sutton Coldfield
 B74 4QY England
 www.pqal.co.uk




For verification of this certificate, please contact the PQAL UK Office

CERTIFICATE OF REGISTRATION



PEERS QUALITY ASSURANCE LTD

This is to certify that
SANA BUILDING SYSTEMS LFTZ

Of
 PLOT # S7-LZ-65, C/O Lagos Free Trade Zone, Ibeju Lekki,
 LGA Lekki, Lagos, Nigeria

Operates a **Health & Safety Management System** which has been assessed as conforming to:

ISO 45001:2018

For the Scope of Activities:
 Design, Estimation, Fabrication & Erection of Pre Engineered Steel Buildings (PEB) and Hot Rolled Structural Steel (HRSS).

Certificate Number: UAE/5/8212532056 Date of Initial Assessment: 27/11/2021 Date of Registration: 29/11/2021 Date Re-Issued: N/A Date of Expiry: 29/11/2022	Certificate approved by:  Chris McMillan - Managing Director Peers Quality Assurance Limited
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CERTIFICATE OF REGISTRATION



PEERS QUALITY ASSURANCE LTD

This is to certify that
SANA BUILDING SYSTEMS LFTZ

Of
 PLOT # S7-LZ-65, C/O Lagos Free Trade Zone, Ibeju Lekki,
 LGA Lekki, Lagos, Nigeria

Operates an **Environmental Management System** which has been assessed as conforming to:

ISO 14001:2015

For the Scope of Activities:
 Design, Estimation, Fabrication & Erection of Pre Engineered Steel Buildings (PEB) and Hot Rolled Structural Steel (HRSS).

Certificate Number: UAE/5/9138741317 Date of Initial Assessment: 26/11/2021 Date of Registration: 29/11/2021 Date Re-Issued: N/A Date of Expiry: 29/11/2022	Certificate approved by:  Chris McMillan - Managing Director Peers Quality Assurance Limited
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Sana Building Systems Advantages



Strengths

- Highly experienced management team
- Credibility with existing experienced PEB contractors
- Strategic location
- State-of-the-art factory and engineering resources
- Skilled, AWS certified Nigerian welders
- Proven PEB engineering software from world's most respected developer
- Design and fabrication to international quality standards
- Trained and certified machine operators
- Lowest cost producer
- Customer satisfaction focus
- Highly responsive internal systems

Opportunities

- Very positive market economic conditions for foreseeable future
- Limited local competition
- Potential to expand range of related building accessories (due to its LFZE duty-free status)
- Focus on unexploited application opportunities, ie application beyond industrial buildings
- Partnerships with FZE authorities and industrial estate developers for site build-outs
- Introduce local fabrication of related products, ie doors, standing seam roofs, light gauge steel

THE PRODUCT



PRE – ENGINEERED (PEB)

Sana Building Systems LFZE will produce pre-engineered (PEB) and hot rolled structural systems (HRSS) and associated components for the construction sector.

The specific geographic construction markets initially targeted by this investment will be Nigeria, primarily. At the same time, we will explore opportunities to export into neighbouring ECOWAS countries. The Product will be sold under the trademark-protected brand name of SANA BUILDING SYSTEMS. The structural and systems components will have the following properties :

- Engineering design compliant with latest applicable international standards & codes
- Fabrication compliant with latest applicable international quality standards, all welders certified, machinery properly calibrated, and all machine operators rigorously trained
- Steel inventory and consumables compliant with engineering drawings & specifications with full material traceability
- Surface preparation and coatings applied using state-of-the-art automated processes in full compliance with manufacturers' application instructions and approved client specifications
- Components designed for efficient overland transport and, if needed, for containerized sea freight
- Competitive pricing and on-time delivery



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Product Applications



PEB is a systems approach to design and fabrication of a building. The inter-dependency of the mainframe steel, secondary framing, and cladding contributes to the overall structural integrity of a building. This economical design efficiency is what gives PEB its competitive advantage over other building solutions.

But the true value of the PEB –systems solution is its tremendous flexibility and comprehensive offering.

Beginning with engineering design (a tremendous value-addition of the PEB business model) an infinite number of building sizes and geometries can be generated to satisfy virtually unlimited applications. This strength is complemented by efficient built-up beam fabrication capability which is at the core of the PEB business model.

A pre-determined, streamlined inventory of high-grade steel plates sizes is used by Engineering to produce the design of the building and fabrication drawings. Since this plate inventory is maintained in –stock within the PEB factory, fabrication can begin immediately upon release of Shop Drawings. This ensures fastest delivery of components to job sites.

The most common application of PEB buildings in this Region are:

- Warehouses
- Logistics Centers
- Agricultural Buildings
- Aircraft Hangars
- Schools
- Wedding & Event Centers
- Factories
- Supermarkets
- Showrooms
- Military Camps
- Exhibition Halls

HOT ROLLED STEEL STRUCTURES (HRSS)

Properly designed and properly fabricated, HRSS remains the product –of –choice for certain highly capitalized industries such as
\
chemical plants \
refineries \
power plants \
smelters \
rolling mills \
etc.
In addition, HRSS provides sound solutions to associated structures such as pipe racks, industrial process equipment support–structures, and certain weather–exposed framing applications.

Rationale for offering HRSS

The primary reason hot rolled fabrication capability is included in the Sana Building Systems LFZE business model is due to HRSS current market acceptance.

Experience has proven that most consultants will “convert” to the advantages of PEB in most applications once these PEB options are available. These specifiers will become active promoters of PEB as long as Sana Building Systems demonstrates consistent quality and delivery performance as a new PEB entry.



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PANELS AND PANEL ACCESSORIES (PPA)

Secondary framing members and cladding components are produced from zinc coated steel coils or aluminium coils.

When raw material is intended to be formed into secondary steel structural members, ie purlins and girts, it is received “bare” meaning the only coating is the zinc or zinc alloy protective coating. This coating is uniform on all surfaces of the steel. When the coil is to be formed into roof and/or wall cladding, raw material coils are usually received pre-painted with polyester, polyurethane, PVF2, or plastisol topcoats on the weather exposed surface and a zinc phosphate coating on the interior surface.

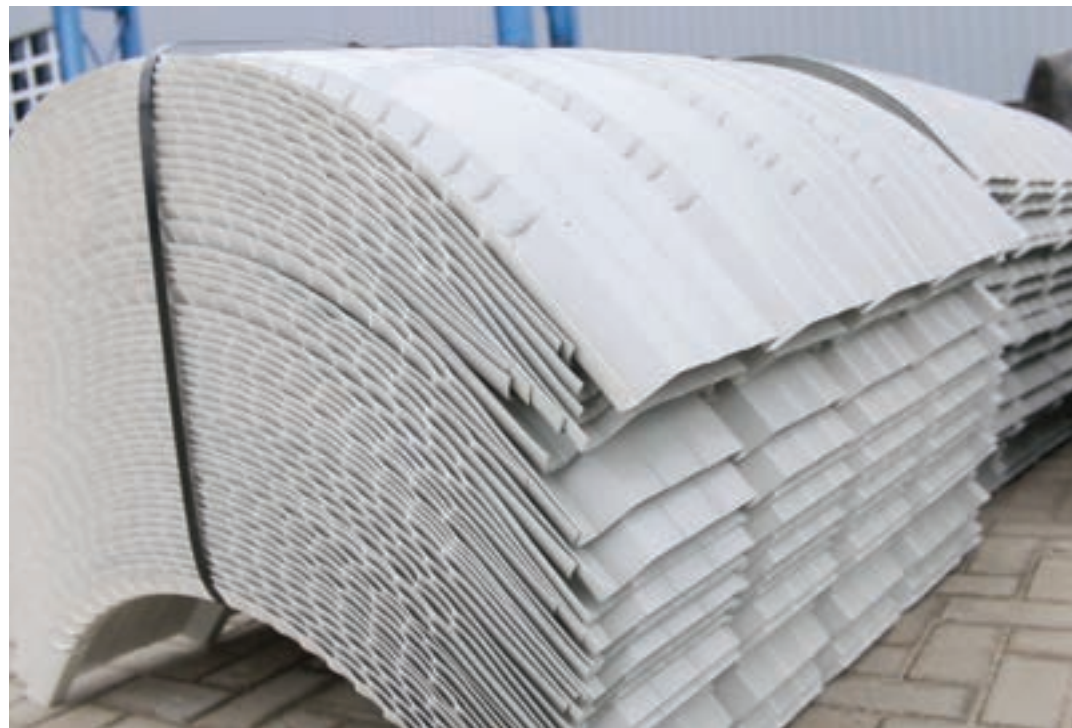
The same careful control of engineering and design specification is required for these coils. The chemistry and mechanical properties of steel or aluminium sheet must conform to the engineering requirements for the products to be manufactured. The grade and thickness of the sheet is a major consideration in the design of the building, ie in the case of purlins and girts, the frame spacing is a consideration; in the case of cladding, purlin and girt spacing is affected.

Secondary framing components are used in both PEB and HR steel framed structures. These provide frame-to-frame support for external cladding. PEB buildings, however, rely on the overall synergy of the mainframe members working with the bracing, secondary and cladding members to provide interdependent stability to the structure. Each subsystem contributes to the overall structural integrity of the structure.



Critical elements of PEB supply are roof purlins, eave struts, and wall girts. These members are produced on an integrated PLC controlled roll forming line that de-coils raw material coils introduces that sheet into a leveller, then measures length and hole placement, cuts to lengths and roll forms the flat sheet into either “zee” or “cee” shaped profiles. Other small volume components are press-formed and or punched into clips or angles. Cladding and trim components are similarly produced by roll forming in a process like that described for secondary framing members. Weather flashing and architectural trims are produced from the same pre-painted coils but slit-to-width and formed on presses.

The final quality acceptance and inspection of cold formed components is done at this stage to confirm dimensional conformity and the integrity of the coatings.



Surface Preparation and Coating (AUTO PAINT LINE)

The finishing of all structural framing is specific to the requirements of individual job supply-contracts. The machinery and processes to clean and paint the structural members are engineered to Sana Building Systems specifications and meet or exceed all international performance requirements



SANA BUILDING SYSTEMS GROUP's TEAM



SBS Group's team of professional engineers, administrators, technicians, and workers are crucial to the on-time, first quality delivery of services and solutions to our clients. Our work is based on strong common values: Professionalism and Innovation. These values are reflected in the quality of our projects. We strive to provide goods and services to the highest international standards.

We constantly search for best-practice solutions and products to innovate and improve our performance. To ensure that all staff and employees are performing with the right skills, knowledge and attitude, comprehensive training programs are conducted periodically to upgrade and improve technical and management skills. This is done with the objective of ensuring that staff can execute their duties and responsibilities confidently and to the required standard.

Overall manpower required for the project is classified into 5 categories At the Lagos Free Trade Zone:

- Factory Direct Labor, ie machine operators, welders, painters,.. etc
 - Factory Indirect Labor, maintenance, QC, Production Control, logistics
 - Head Office Administration staff, Finance, HR, Purchasing,..... etc
 - Two other industry-specific manpower categories are essential to the success of the project. Engineering;. structural .design,. estimating,. and .customer. service
 - Sales; actual client contact salesmen, sales support engineers, project managers
- Sana Building Systems sells its products through Sana Building Systems staffed sales offices.



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PROJECT-SUPPLY STAGES



At Quotation Stage

Comprehensive offers and proposal drawings to be created and issued in this stage. Prompt revisions to offers and drawings. Changes in concept etc are to be expected. Negotiation of contract scope, payments, specifications and schedule to be done at this stage. This stage ends by signing the offer and approve the commercial terms and make the Due payments.

At Contract Stage

submission of approval drawings and column reactions with anchor bolts layout Prompt resubmission of revised approval drawings if required. Prompt submission of design calculation if required.

Submission of change orders if any. This Stage ends by signing the approval drawings and change orders and making the due payments.

At Fabrication Stage

Making details fabrication drawings (for factory use only).
Materials purchase (inventory recovery). Quality fabrication.
Production sequenced to site erection plan. Producing of erection drawing prior to shipment stage and in phases..
This stage ends in phases by finishing the production of each phase and make the due payment.

At Shipment Stage

Early shipment of anchor bolts after approving anchor bolts layout. Complete shipment of each erection phase. Clear, complete packing lists and bills of material. Clear erection drawings.

At Site Erection Stage

Inspection of materials, Qty, drawings and document works.

Confirming No damage during loadout or shipment. Touch up paint if required. Reliable fit-up and installation. Ease of erection. Frequent reporting

On site erection coordinator by SBS to ensure accurate installation. Safe erection method, (safety is always the responsibility of erection contractor Not SBS)

This stage ends by completing the installation of each phase. As price influences a decision maker during contract negotiation, service and courteous treatment make a more lasting impression on clients. These factors, more than price, will influence his opinion of the company and determine his level of satisfaction in the overall experience of dealing with Sana Building Systems.

Projects



Job Number Prefixes. SBS Steel job numbers are preceded by a two-letter country code.

High Activity Countries. Countries in which we are very active are divided into several areas by adding a number after the country code.

SN	Job No.	Project Name	client name	location link from google earth	area (m2)
1	NG4-001	NIGERIA BULK BLENDING	OCP Africa Ltd	Kaduna State -Nigeria	9000
2	NG2-003	LB Show Room 01	Lanre Bhadmus Ind Ltd	Lagos State -Nigeria	200 x 3 floors =600 m2
3	NG3-004	Pharmaceutical factory	Sagar Vitaceuticals Limited	Ogun State - Nigeria	12000
4	NG3-006	Bopp Line 2 -Expansion	Tempo Paper Pulp & Packaging Ltd	Ogun State - Nigeria	10000
5	NG3-008	Fibre Optice Factory	Coleman Technical Industries Limited	Ogun State - Nigeria	9000
6	NG3-009	Crown Packaging Expansion	Crownpack Nigeria Limited	Ogun State - Nigeria	3000
7	NG2-011	Colgate Factory	Colgate Tolaram Lftz Enterprises	Lagos State -Nigeria	12000
8	NG3-012	GOLD COIN WAREHOUSE	Goldcoin Impex Limited	Ogun State - Nigeria	3000

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SN	Job No.	Project Name	client name	location link from google earth	area (m2)
9	NG3-013	Garsu Warehouse	Gharsu Nig Ltd	Ogun State - Nigeria	3000
10	NG2-014	LFZ Tower Roof	Lagos Free Zone Company Lftz	Lagos State -Nigeria	1050
11	CN1-015	Spare Yassa Warehouse	Deelite Global -cameroon	Douala, Cameroon	3200
12	CN1-016	Parle-G Biscuit Factory Cameron	Parlite Foods SARL	Douala, Cameroon	12000
13	CN1-017	Spar Supermarket yaouende	Deelite Global -cameroon	Yaoundé Cameroon	2500x3 floors =7500 sq.m
14	NG3-019	Coleman Factory 04 -Sag- amu	Coleman Technical Indus- tries Limited	Ogun State - Nigeria	15000
15	NG2-021	Sana Blocks Factory 02	Sana Blocks Ltd	Lagos State -Nigeria	10500
16	NG3-023	Gharsu Conference Centre	Gharsu Nig Ltd	Ogun State - Nigeria	2000

SN	Job No.	Project Name	client name	location link from google earth	area (m2)
17	NG3-024	R R Paper Factory	R R Paper Ltd	Ogun State - Nigeria	4500
18	NG5-025	Olam grains project	Shahin Construction Ltd	Kwara State -nigeria	6000
19	NG6-026	Cassava Factory Expansion	Dufil prima Foods PLC	Benin State -Nigeria	7200
20	NG2-028	Vista Paper Project	Avianto Industries Limited	Lagos State -Nigeria	9000
21	NG4-001-B02	OCP Process building and Car park	OCP Africa Ltd	Kaduna State -Nigeria	629
22	NG3-005	Shakti Industrial Platform	SGPL	Ogun State - Nigeria	141+41*3=264
23	NG3-007	Pardee Mezzanine	Pardee Foods Nig Ltd	Ogun State - Nigeria	1764
24	NG2-010	Wind Moller & Holsher Platform	United Food	Lagos State -Nigeria	160+115+42.25*2=360
25	NG2-020	Building Renovation	Insignia	Lagos State -Nigeria	1553

SN	Job No.	Project Name	client name	location link from google earth	area (m2)
26	NG3-029	Installation of 8 nos OHCs in Furnace Building	Coleman Wires and Cables	Ogun State – Nigeria	
27	NG3-030	WASIL Solvent Extraction Plant (SEP)	WASIL Vegetable Oils & Fats Ltd	Ogun State – Nigeria	
28	NG2-031	Showroom Project	Lanre Bhadmus Ind Ltd	Lagos State –Nigeria	360+360+360ROOF=1170
29	CN1-032	Bonaberi Warehouse Project	Deelite Global –cameroon	Douala, Cameroon	2570
30	CN1-33	SPAR Bertoua Project	Deelite Global –cameroon	Douala, Cameroon	918
31	CN1-034	SPAR YASSA Market Project	Deelite Global –cameroon	Douala, Cameroon	3021
32	NG2-035	SIF 2 & 3 PEB Building	Lagos Free trade zone company Iftz Enterprise	Lagos State –Nigeria	B01=9000,B02=9000
33	NG1-036	Cash & Carry Project	SGPL	Abuja State –Nigeria	6635+1460MEZZ
34	NG2-037	Syrian Club Canopy Project	SGPL	Lagos State –Nigeria	92



CERTIFICATION OF MEMBERSHIP

THIS CERTIFIES THAT

Sana building systems Iftz Ent

is a Voting Member of the World Free Zones Organization
for the calendar year 2022
Membership number: 1539V



Dr. Mohammed Alzarooni
CHAIRMAN OF THE BOARD



scan to verify
worldfzo.org/membership



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— WE CARE —

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