

















Because Your House Is Also Family
Efiri S3 Wo Fie Nso Y3 Abusua
Parce Que Votre Maison Est Aussi La Famille

Space For Pro Forma Invoice



ABOUT US

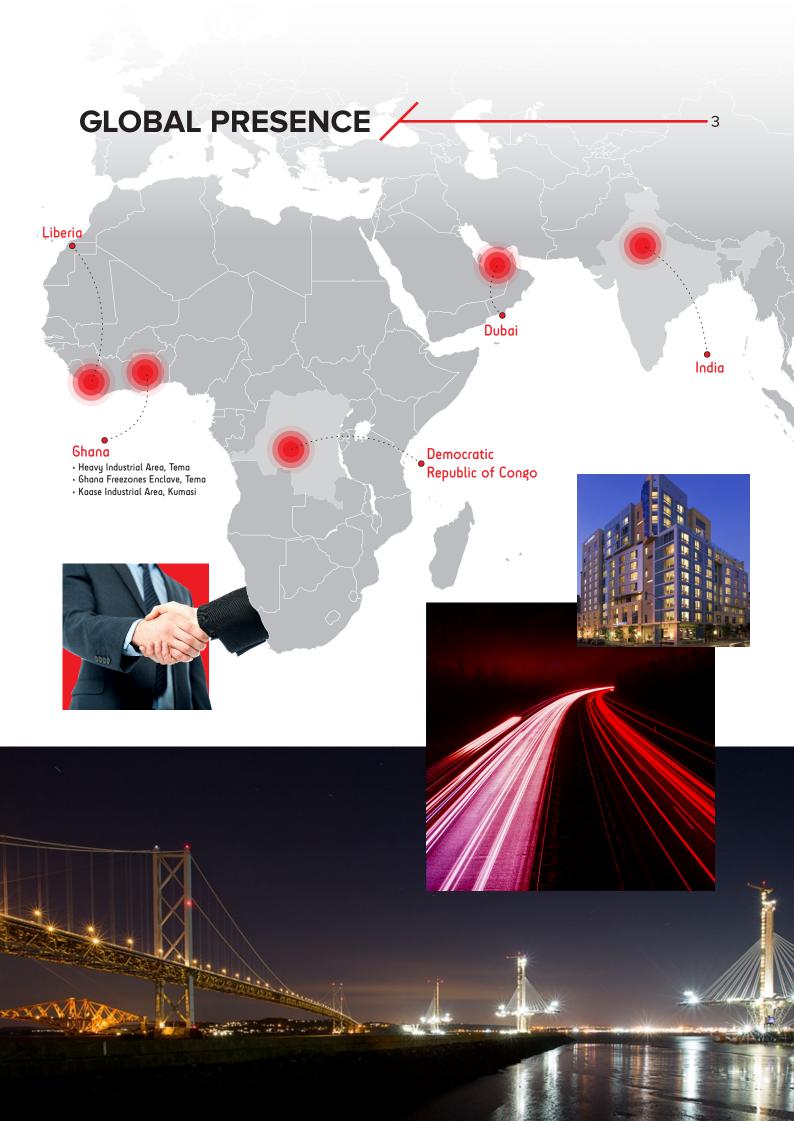
Ferro Fabrik Limited (FFL) is the Leading Manufacturing Company of Ghana. It was established to support the accelerating growth in Ghana by making country self-reliant for Iron Rebars and eliminating its dependence on imported Rebars. The FFL's core purpose is to maintain the highest standards of manufacturing **Finest Quality Iron Rods In Ghana**. FFL has installed capacity to produce 150,000 MT of High Strength Rebars per year.

The FFL name has been respected since 1968 for its adherence to strong values & always believed in returning wealth to the society it serves. The Company has achieved success on the backdrop of strong Administration, Technology, Manufacturing, Supply Chain & Marketing.

FFL is fully committed to ensure the international quality standards and continues to meet & exceed the customer expectations. Based on the performance over the years, the FFL Brand has come to stand for Quality, Trust, Business Leadership & the Highest Ethical Standards.

The company has provided jobs to more than 500 people & works tirelessly to raise the skill levels of its employees to meet all the quality expectations. The company has also proved that it is not only a big producer but is also responsible towards the society. It has performed various activities which benefited the spheres of society.





DISTINCTIVE FEATURES



Best Rib Patterns That Increase The Bond With Cement.

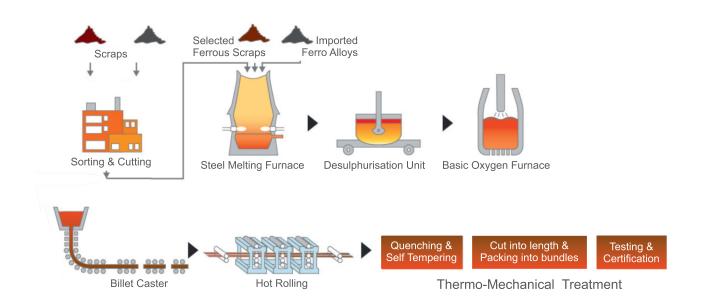


Consistent Quality Across the Bar.



Highly Systematic Manufacturing Process That Ensures Consistency In The Finest Quality Rebars.

PROCESS ROUTE



KEY FEATURES



Low Carbon That Enhances Weldability.



Less Impurities Like Sulphur & Phosphorous That Enhances Strength & Durability.



Higher Corrosion Resistence.



Higher Earthquake Resistant.



Best Rib Patterns That Increase The Bond With Cement.



Ultimate High Tensile Strength.



Higher Bendability.

AVAILABLE IN 3 TYPES

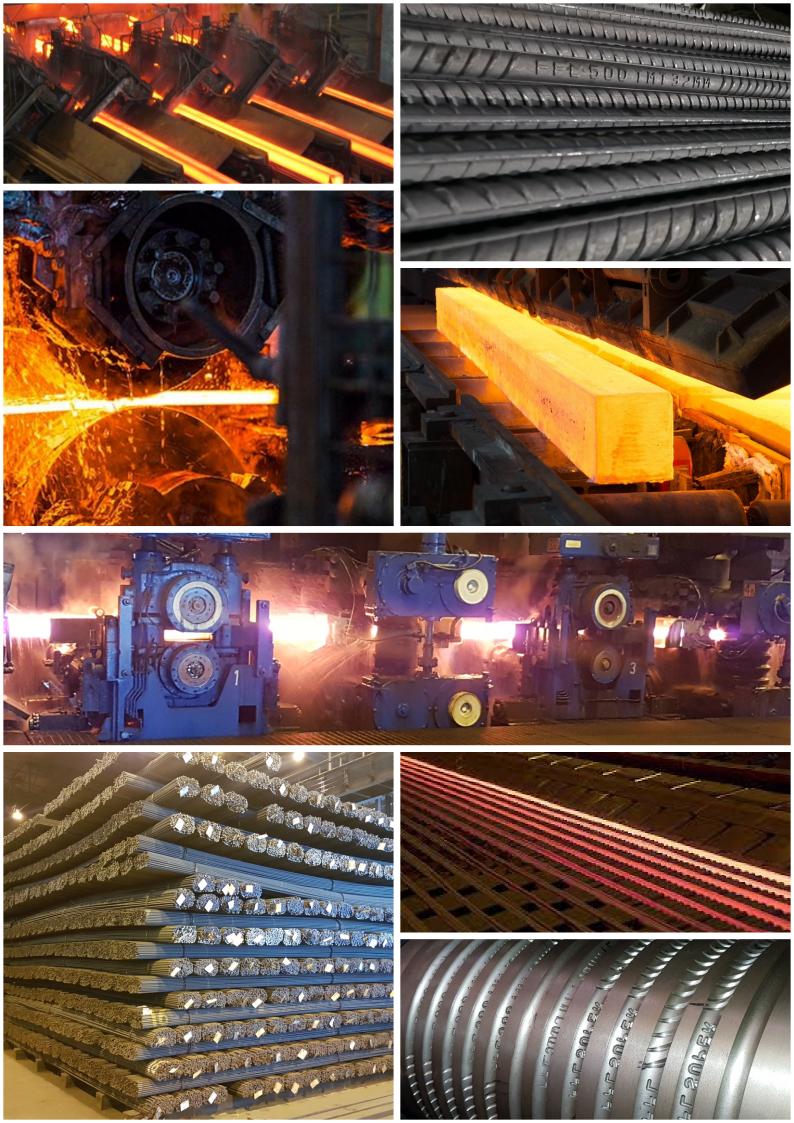












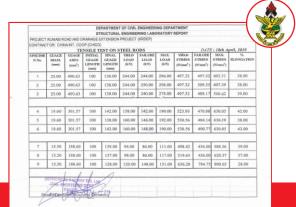
SPECIFICATIONS

	Dime	ensions & S	Sizes		Chemical Composition							
High Tensile Rebar					% Carbon			0.24 max				
L	ength.		12 Meters			% Silicon			0.30 max			
			10 mm			% Manganese			0.65 min			
			12 mm			% Sulphur			0.05 max			
						% Phosphorous			0.05 max			
			16 mm			Carbon Eqv.			0.42 max			
Di	ameter		20 mm			Mech	anical Pro	Properties				
						Yield Stress (N/mm2)			500 Min			
			25 mm			Tensile/Yield Strength Ratio			1.08 Min			
			32 mm			Elongation (at max force-Agt)			16% Min			
	Technical Specifications											
	NOMINAL DIMENSIONS, WEIGHT & TOLERANCES											
	NominalDia. (mm)	Nominal Cross Section Area (mm²)	Unit Mass (kg/m)	Tolerence On Mass (%)	Nominal Mass kg/bar			Relative Rib Area (RRA)	Longitudinal Rib Height (mm)			
Designation					6mm	9mm	12mm	Min	Max			
FFL 10	10	78.5	0.617	± 2.5	3.7	5.55	7.4	0.040	1.00			
FFL 12	12	113	0.888	± 2.5	5.33	7.99	10.6	0.040	1.20			
FFL 16	16	201	1.58	± 2.5	9.48	14.22	18.96	0.056	1.60			
FFL 20	20	314	2.47	± 2.5	14.82	22.23	29.64	0.056	2.00			
FFL 25	25	491	3.85	± 2.5	23.1	34.65	46.2	0.056	2.50			
FFL 32	32	804	6.31	± 2.5	37.86	56.79	75.72	0.056	3.20			
				FFL 500 T	MT Feature	·S						
	Features					Description						
Variablity with respect to parameters like Ys, Stress Ratio, Agt & Chemical Composition.					Controlled variablity is ensured (a very low standard deviation and low band of results)							
	Process Control - Standardized Processes to ensure in-coming, in-process and final quality.					Ensures a strict process control couples with monitoring and analysis.						
	Traceablity-Quick trace back up to raw material and process parameter					Complete information of product on Tag & Test Certificate						
	Radiation free steel					Ensured through automatic Radiation detection system on raw material and Rebars.						
	Complaint handling					Structured and transparent process, quick response and customer friendliness (dealing as a partner)						
	Work Force					Well trained, motivated and inspired.						

CERTIFICATIONS

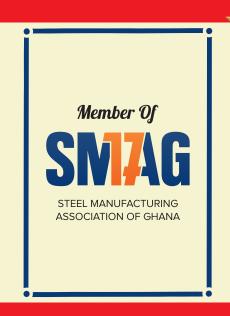


LOCATIO	ON : WE : FERRO	NE TESTIN IJA - ACCR FABRIK	G	LESIK	ENGTHO	STEEL B	AKS		25/01/2019 FFICIAL: EFA
Serial No		Measured Size (mm)	Cross Section Area (mm ²⁾	Mark Ref No	Elongation %	Yield Point Load (KN)	Ultimate Load (KN)		trength N/mm ²
								N/mm ²	Strength N/mm² 717,19
13	25.00	24.82	1001101		26.0	288.0	347.0	595.25	717.19
14	****		***		26.0	285.0	350.0	589.05	723.39
							349.0	591.12	721.33
	The charact	eristic Yield Po	per BS 4449 : 2005 pint strength as per i m ² respectively.	the above spe	ofication for MI	D STEEL & HIC	GH YIELD STEEL	L are	









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Manufacturers Of Finest Quality Iron Rods







