

CAPITAL ANGLE



TOWARDS NEW HORIZONS

CAPITAL ISPAT LTD., Bhiwadi (Raj.) since its establishment, is involved in mfg. hot-rolled steel angles in a range of sizes. Capital Angles are manufactured & tested to suit the specific application. Chemical & physical properties are assured for a wide range of applications. Thus, customers have infinite options for making the choice for the best results and life long satisfactions. Capital Ispat offers the best of the products & services to our quality-conscious customers. That is why Capital Angles, have become synonymous for Quality which is unmatched. If you ask dealers & distributors, engineers & designers, fabricators & users to recommend a single brand of steel angles, their spontaneous reply will be "Capital Angle and nothing else."

This Firm faith has developed among users by repeated use of capital angles, unmatched performance and reliability in quality, workability and economy. Our efforts are continuing through our in plant R&D to improve our own Quality Standard as a routine.

Quality awareness training to one and all in CIL.

Buyer seller meets at short intervals.

Quality surveillance & Market Feedbacks leads us to continuous improvements.



Plain Truth Plain Truth

Ingot are purchased strictly as per the specifications to suit the service requirements of the capital angles.

Rolling practice is so planned that it improves the ductility, impact / shock-resistance, strength, toughness and other mechanical properties in the finished products.

Stage-inspections prevent development of defects during rolling. Cold straightened capital angles in 18' & 20' length, insure fine-grained metallographic structure in hot rolled angles produced at our plant.

Specified Mech. Properties

Designation	UTS (Min.)	Yield Strength		Elongation	Internal Dia for Bend Test
		20-40 mm	>40 mm		
	Mpa	Mpa	Mpa	Percentage	Mn
Fe410 A	410	240	230	23	31*

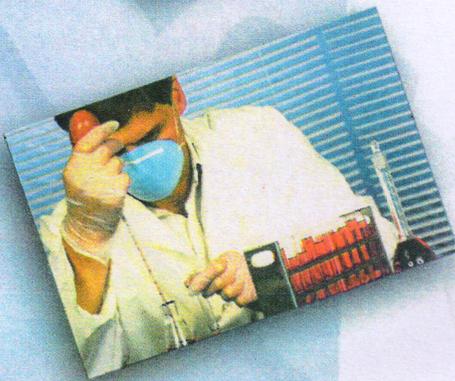
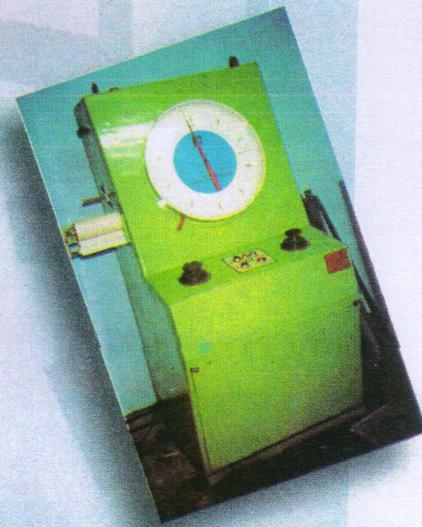
Chemical Composition

Carbon	Manganese	Sulphur	Phosphorous	Carbon Equivalent	Supply Condition	Deoxidation Mode
0.20 ± 0.03	1.5 + 0.05 - 0	0.05 + 0.005 - 0	0.05 + 0.005	0.42	As rolled	Semi-killed or killed

We are already BIS-Certified for Quality Marketing on our products and moving fast towards ISO-9002 coverage.

There are sufficient reasons to accept superiority of Capital Angle with respect to the other angles.

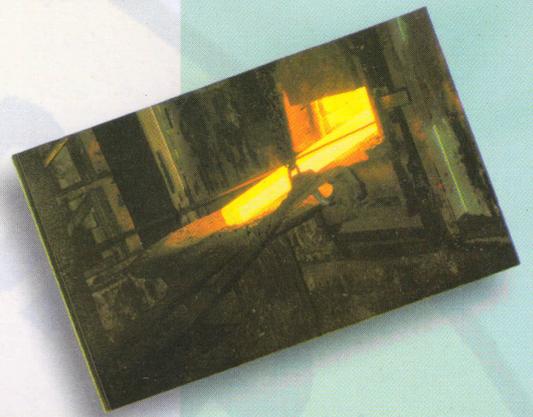
Latest Technology and Fully Documented Process



Comparison Chart For Benefit To User

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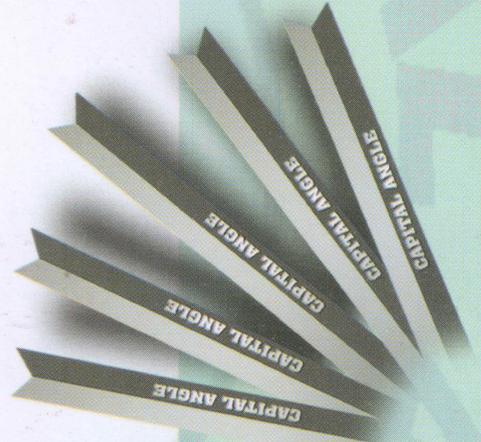
Factors Considered	Capital Angles	Other Angles
1. Effective utilization	100% of Capital Angles get used because user finds no defective portions or distortions or off-quality in the entire lot-purchased	90% of angles get used as at least 10% of the angles purchased are discarded as defective
2. Light Weight Sections	Capital Angles are made light weight yet strength remains intact due to state-of-the art technology and high quality input materials	If others reduce the weight per meter, the strength reliability becomes doubtful
3. Inventory level	Capital Ispat Limited is capable of supplying the ordered quantity instantly, thus, consumer does not need maintain stocks of angles	Supply is not very smooth, and hence, the user has to maintain certain stock level leading to blockage of huge amount
4. Quality of Raw materials	Capital Ispat Limited uses ingots & roll reduced billets obtained from quality steel mills. Thus capital angle are necessarily high quality materials	They use ingots and re-roll scraps for earning huge profit



Merits of Capital Angles

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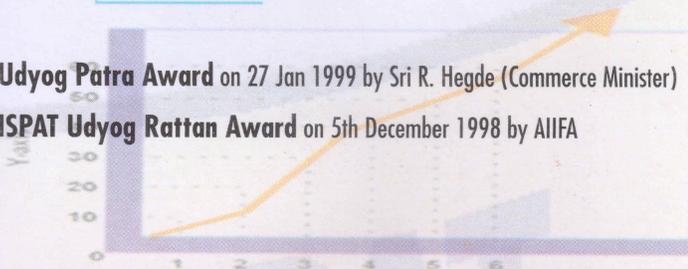
- * Tested High Tensile Strength and yield strength make Capital Angles to perform better than others.
- * Balanced chemical composition is a guarantee for uniform quality for designers and high order of weldability for fabricators.
- * State-of-the art technology for manufacturing & testing assures users about physical properties like bendability, formability, machinability along with creep & fatigue endurance in Capital Angles.
- * Rigorous Incoming material tests, stage inspections and final inspections along with careful handling of Capital Angles make them defect-free.
- * Automatic control of parameters & work conditions permit us to supply finished products in desired technical supply conditions (i.e. refined & dense grains, good microstructures and freedom from thermal / mechanical stress.)
- * Optimum ductility & bendability essentially save energy in welding & offer ease in fabrication.



Achievements

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- * **Udyog Patra Award** on 27 Jan 1999 by Sri R. Hegde (Commerce Minister)
- * **ISPAT Udyog Rattan Award** on 5th December 1998 by AIIFA



With Professional Management makes Capital Angle

**QUALITY IS A WAY OF LIFE
AT CAPITAL ISPAT LTD.**

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**ECONOMY IS A WAY TO
EVALUATE PRODUCT / SERVICE**

Our customers enjoy both the Quality
as well as Economy by using CAPITAL ANGLES



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