



宇盛钢铁有限公司

YUSHENG IRON AND STEEL CO.,LTD

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**LR AH32**, one kind of High strength shipbuilding steel plates, after the third party Lloyd's Register's inspection for the whole production lines and processing, then stamped and endorse.

**Relative Grades:** LR A | LR B | LR D | LR E | LR AH32 | LR AH36 | LR AH40 | LR DH32 | LR DH36 | LR DH40 | LR EH32 | LR EH36 | LR EH40 | LR FH32 | LR FH36 | LR FH40

Property Data:

LR					
Grade	T: 8-300MM	LR AH32	LR DH32	LR EH32	LR FH32
Chemical Composition % ≤	C		0.18		0.16
	Mn		0.9-1.60		
	P		0.035		0.025
	S		0.035		0.025
	Si		0.50		
	Al (acid)		≥ 0.015		
	Nb		0.02-0.05		
	V		0.03-0.10		
	Ti		0.02		
	Ni		0.40		0.80
	Cu		0.35		
	Cr		0.20		
Mo		0.08			
N				0.009	
Mechanical Property ≥	Yield Strength (Mpa)	315	315	315	315

**ADD: East Area, 25<sup>th</sup> Floor, Y.H. International Plaza, Zhengzhou City, Henan province in China.**



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	Tensile Strength (Mpa)	440-590	440-590	440-590	440-590
Impacting Test temperature (°C)		0	-20	-40	-60
Mark		LR/A32	LR/D32	LR/E32	LR/F32

H:Heat Analysis. P:Product Analysis

NOTE: For providing the better property in impacting test, the mill can offer Z-Test for LR AH32 plates including Z15,Z25 and Z35 three different classes.Z35 is best of all.

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