安阳钢铁股份有限公司
ANYANG IRON AND STEEL COMPANY LIMITED

质量证明书
QUALITY CERTIFICATE

记录编号(TABLE No.):

收货单位(PURCHASER): 安阳市通用国际贸易有限责任公司　　到　　站(DESTINATION):

合同号(CONTRACT No.): 零销W　　W08上03-0016　　超声波探伤(UT.):　　车　　号(TRAIN No.):

产品名称 (NAME): 船体用结构钢板(HULL STRUCTURAL STEEL PLATES)　　证明书编号(CERTIFICATE No.): 20080307107G347

标准编号 (STANDARD): ABS规范　　生产许可证(LICENSE No.): DL 960033-A

批号 BATCH No.	炉号 HEAT No.	牌号 GRADE	尺寸 SIZE (mm)	数量 AMOUNT (块)	重量 WEIGHT (t)	化学成分 CHEMICAL COMPOSITION(%)												屈服点 YIELD POINT ReL(MPa)	抗拉强度 TENSILE STRENGTH Rm(MPa)	伸长率 PERCENTAGE ELONGATION A(%)	V型冲击(Akv) V-NOTCH IMPACT TEST		弯曲试验 BEND TEST 180°
						碳 C	硅 Si	锰 Mn	磷 P	硫 S	钒 V	铌 Nb	铝 Alt	铬 Cr	镍 Ni	铜 Cu	钼 Mo				℃	J	
78310808A	1076291	A	1800X8000X19	3	6.444	0.17	0.22	0.60	0.007	0.010								286	441	23		〃	
78411812B	1076790	A	1800X9200X20	3	7.9	0.14	0.19	0.54	0.018	0.014								300	431	29		〃	
78911811C	7J415023	A	1800X9200X20	3	7.8	0.16	0.23	0.56	0.018	0.011								301	430	32		〃	
8810093A	1080060	A	2420X11000X17	3	10.656	0.15	0.18	0.55	0.008	0.023								321	450	27		〃	
78511661B	7J414828	A	2420X12200X14.5	2	6.722	0.17	0.23	0.58	0.015	0.005								295	440	27		〃	
8810093C	1080060	A	1900X9800X25	3	10.962	0.15	0.18	0.55	0.008	0.023								289	444	28		〃	
78611251C	7J414261	A	2100X8000X19	2	5.012	0.16	0.19	0.59	0.023	0.028								290	430	31		〃	
7838036C	1075066	A	2200X10000X14	2	4.836	0.16	0.21	0.59	0.017	0.021								283	427	33		〃	
78210510A	1076042	A	2200X10000X14	5	12.09	0.16	0.26	0.59	0.023	0.012								300	454	35		〃	
78210510B	1076042	A	2200X10000X14	1	2.418	0.16	0.26	0.59	0.023	0.012								300	456	34		〃	
78610337C	7J413211	A	2300X10200X15	3	8.286	0.16	0.19	0.60	0.029	0.019								310	439	32		〃	
78111665B	1076714	A	2400X11000X12	3	7.461	0.17	0.20	0.58	0.025	0.025								295	440	35		〃	
78411771C	1076766	A	2400X10000X16	3	9.042	0.15	0.21	0.57	0.023	0.016								261	423	32		〃	
			合计(TOTAL):	36	99.529																		

备注(Notes):

(1) 兹证明材料按照认可的工艺规程制造，并按ABS材料规范作了试验，且各项要求均已满足。
We hereby declare that the material has been produced by an approved method and has satisfied rules of ABS for testing.

(2)冶炼方法：转炉 / 连铸坯　电炉/连铸坯
Manufacture process: B.O.S/Con.Cast. E.A.F./Con.Cast.

(3)交货状态：普通强度船板为热轧状态，高强度船板为控轧状态，理论重量交货。
Supply condition: Normal strength steel plates as hot-rolled. higher strength steel plates as control-rolled. Delivered with theoretical weight.

(4)Ni, Cr<=0.20%, Cu<=0.25%, Mo<=0.08%

验船印章(Stamp):

验船师(Surveyor):

签证:
SIGNATURE
李 凤[F.LI]

质量证明书专用章
CERTIFICATE SEAL

厂址：河南省安阳市金豪商务4A
ADDRESS: Suite A, 4/F Jinhao Business Bld., Renmin Rd., Anyang, Henan, P.R.C

服务电话: (0372) 5086903
TELEPHONE: +86 372 5086903

日期: 2008年03月07日
DATE: