

S874 FJ2 C80351494
 Certificate No. (P/L No.): E108121368 (20-2812)

INSPECTION CERTIFICATE



JC-04 3/ 4
JFE Steel Corporation
 CHITA WORKS
 1, Kawasaki-cho 1-chome, Handa-City, Aichi Pref. 475-8611
 Japan
 Date : DECEMBER 19, 2008

Order No. : 8A90236-002

Shipper : JFE SHOJI TRADE CORPORATION

Customer : EDGEN MURRAY CORPORATION

Reference No. : _____

Customer's Control No. : 83126

Customer's Control No. 3 : _____

Commodity : ERW STEEL PIPE BEVEL CUT ENDS

Project Name : _____

Effective Year : 07/2007

Specification : ASTM A 53 GRADE B/ASME SA-53 GRADE B (BVL)

Size : OD20" X 0.375" X 40'

Quantity : 251 Mass : 358.679 Kg

Total Length : _____

Ship No. : _____

Construction No. : _____

MFG. No.	Heat No.	Chemical Composition (%)														H: Heat Analysis P: Product Analysis		Hydrostatic Test	790PSI GOOD	Bend Test GOOD				
		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Al	Ti	V	Nb	B	N	Ceq				RES	N.D.E.	UT: GOOD	Flattening Test GOOD
		×1000	×100	×1000	×100				×1000			×10000		×100	×100	Visual Dimension	GOOD				Flaring Test			
		max. H min.	300	120	50	45	40	40	15			80								100				
		max. P min.	300	120	50	45	40	40	15			80								100				
S1572-03 (42)	4-53724	H	160	18	43	21	5	3	1	2	<1		1					6						
		P	160	18	41	20	5	3	1	3	<1		<5					7						
		P	150	18	41	19	5	3	1	3	<1		<5					7						
		Tensile Test							Impact Test				[Remarks]											
		Parent (A370) Weld (A370)							Direction				Spec.				RES=CU+NI+CR+MO+V							
		Direction (T) GL(2")			Direction				I.V. or A.E.				Steer Area (%)											
		L.P. or L.S.	T.S.	EL.	Y.R.	I.S.	Yield																	
		KSI		%																				
		max. min.	350 47.1	600 68.7	28 41		600 73.0	min. EACH AVE. EACH AVE.																
S1572-03 (42)	4-53724																							

WE HEREBY CERTIFY THAT THE MATERIALS DESCRIBED HEREIN HAVE BEEN MANUFACTURED, INSPECTED AND TESTED IN ACCORDANCE WITH THE CUSTOMER'S SPECIFICATION(S), AND THAT THEY SATISFY THE REQUIREMENTS.

柳田 宏一 ECE
 Manager, Quality Assurance Sec.



S874 FJ2 CF0351494
 Certificate No. (P/L No.): EL08127368 (20-2842)

INSPECTION CERTIFICATE



JC-04 4/4
JFE Steel Corporation
 CHITA WORKS
 1, Kawasaki-cho 1-chome, Handa-City, Aichi Pref. 475-8611
 Japan
 Date : DECEMBER 19, 2008

Order No. : 8A90236-002
 Shipper : IFE SHOJI TRADE CORPORATION

Customer : EDGEN MURRAY CORPORATION

Customer's Control No. : 83126 Customer's Control No. 3 : _____

Reference No. : _____

Commodity : ERW STEEL PIPE BEVEL CUT ENDS

Project Name : _____ Effective Year : 07/2007

Specification : ASTM A 53 GRADE B/ASME SA-53 GRADE B (BVL)

Size : OD20" X 0.375" X 40'

Quantity : 251 Mass : 358,679 Kg Total Length : _____ Ship No. : _____ Construction No. : _____

MFG. No.	Heat No.	Chemical Composition (%)														H: Heat Analysis P: Product Analysis		Hydrostatic Test	790PSI GOOD	Bend Test GOOD	
		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Al	Ti	V	Nb	B	N	Ceq				RES
		X1000	X100	X1000	X100				X1000			X10000		X100	X100						
		max	300	120	50	45	40	40	15				80			100		N.D.E.	UT: GOOD	Flattening Test GOOD	
		min																			
		max	300	120	50	45	40	40	15				80			100				Flaring Test	
		min																			
SI572-04 (43)	4-53728	H	160	18	45	14	4	2	1	1	<1			1			4		Visual & Dimension	GOOD	Drift Test
		P	150	18	43	12	4	2	1	2	<1			<5			5		Tensile Specimen	Strip	ASTM 1-1/2"
		P	160	18	44	14	4	2	1	2	<1			<5			5			Round	
		Tensile Test										Impact Test				[Remarks]					
		Parent (A370)					Weld (A370)									RES=CU+NI+CR+MO+V					
		Direction (T)					GL (2")					Direction				Spec.					
		Y.P. or U.S.	T.S.	EL	Y.R.	I.S. Weld	I.V. or A.E.				Shear Area (%)		max								
		KSI		%								min									
		max	350	600	28			800		EACH		AVE		EACH		AVE					
		min	461	677	45			722													

WE HEREBY CERTIFY THAT THE MATERIALS DESCRIBED HEREIN HAVE BEEN MANUFACTURED, INSPECTED AND TESTED IN ACCORDANCE WITH THE CUSTOMER'S SPECIFICATION(S), AND THAT THEY SATISFY THE REQUIREMENTS.

榎田 宏一 ECG
 Manager, Quality Assurance Sec.

