

# INSPECTION CERTIFICATE



**KUMKANG KIND CO., LTD.**

HEAD OFFICE : KUMKANG KIND BLDG, 1445-2 SEOCHO-DONG,

SEOCHO-GU SEOUL, KOREA

EON YANG FACTORY : 140-25, GACHUN-RI-SAMNAM-MYIN-ULJU-GUN

ULSAN METROPOLITAN CITY, KOREA

CERTIFICATE No. : K220608-002

L/C NO.(P/O NO.) : 25.427

SUPPLIER : KUMKANG KIND CO.,LTD.

CUSTOMER : SUNBELT GROUP

PAGE :  
 ISSUED DATE : 08/06/2022  
 COMMODITY : E.R.W STEEL PIPE  
 SPECIFICATION : ASTM A53B ASME SA53B

ITEM NO	HEAT NO.	TYPE	QUANTITY (PIECES)	ORDER SIZE			WEIGHT (lb/ft) P.E	YIELD/TENSILE TEST ⑤			③	CHEMICAL COMPOSITION(%)									
				O.D (in)	WALL T (in)	LENGTH (ft)		Y.P (Min. 35,000 psi)	T.S (Min. 60,000 psi)	E.L (Min. 23%)		C	Mn	P	S	Cu	Ni	Cr	Mo	V	
				①	②							0.30	1.20	0.05	0.045	0.40	0.40	0.15	0.08		
1	SB47803	ERW	1,523	3.000	0.300	21	10.26	59,842	66,717	37	H	143	661	12	4	29	17	32	3	1	
2	SB47803	BLACK BEVELED		3.000	0.300	21	10.26	59,553	66,112	36	P	143	660	11	2	28	16	30	2	1	
3	SB47803	END PIPE		3.000	0.300	21	10.26	59,465	66,003	35	P	143	661	11	3	27	16	31	3	1	
4	SB47803			3.000	0.300	21	10.26	59,997	66,878	36											
5																					
6																					
7																					

ITEM NO	Hydrostatic Test (5 Seconds, psi)		HEAT TREATMENT (°C)	NON-DESTRUCTIVE TEST	VISUAL & DIMENSION	METALLOGRAPHIC TEST	FLATTENING TEST		REMARKS
	Test Pressure	Result		Weld Seam U.T ⑥			D x 66%	D x 33%	
1	2,500	GOOD	900	GOOD	GOOD	GOOD	GOOD	GOOD	
2	2,500	GOOD	900	GOOD	GOOD	GOOD	GOOD	GOOD	
3	2,500	GOOD	900	GOOD	GOOD	GOOD	GOOD	GOOD	
4	2,500	GOOD	900	GOOD	GOOD	GOOD	GOOD	GOOD	
5									
6									
7									

N O T E  
 ① O.D : Specified Outside Diameter    ② WALL T : Specified Wall Thickness    ③ H : Heat Analysis / P : Product Analysis    ④ CHEMICAL COMPOSITION -3:x1/1000  
 ⑤ Tensile Test Piece Type/Size/Location/Orientation: round / 1.5 in / Body / longitudinal  
 ⑥ UT Reference Indicator Type and Size: Drilled Hole / 0.125 in    ⑦ Steelmaker: POSCO 6261, Donghaean-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do

SIGNATURE	WE HERE CERTIFY THAT THE MATERIAL HEREIN DESCRIBED HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A53/A53M-20 AND PURCHASE ORDER REQUIREMENTS.	MANAGER OF Q.A. DEPT. <b>M. T. Roh</b>
SURVEYOR TO:		