

# ZENITH STEEL PIPES & INDUSTRIES LIMITED

Registered Office : 5th Floor, Industry House, 159, Churchgate, Reclamation, Mumbai-400 020.  
Works: G-38/39, M.I.D.C. Area Tarapur, Boisar, Dist.-Palghar, Maharashtra, India, Pin Code - 401506.

## MILL TEST CERTIFICATE

Test Certificate No. : 22145/3 Date : 13.01.2023

Customer :  
Address :

Invoice No. : MC/SS/0003/2023 Date : 13.01.2023  
P.O. No. : 1009 Date : 12.01.2023

Specification : ASTM A53

Description of material : Black Painted ERW (HFIW) Steel pipes.

We certify that the material described below fully conforms to ASTM A53. (Pl. refer ASTM A53 for detail specification requirement)

Item no.	Heat / Lot no.	Grade	Size (Inch)	Thick. (mm)	Length (feet.)	Type	Bundles (Nos.)	Pcs. (Nos.)	Total Length (feet)	Weight (MT)
1	2241	B	1.1/4"	3.56	21'	Both Plain End PTD (Square Cut)	5	210	4410	4.550
	2248									
2	2242	B	1.1/2"	3.68	21'	Both Plain End PTD (Square Cut)	7	252	5292	6.510
3	2234	B	2"	3.91	21'	Both Plain end PTD (Bevel End)	7	182	3822	6.320
4	2247	B	2.1/2"	5.16	21'	Both Plain end PTD (Bevel End)	1	18	378	0.590

Item no.	Dimension n & Visual	Flattenin g test	Bend test	NDT (Eddy Current)	Hydrosta tic test (PSI)	Mass of Zinc Coating (Gms/mtr <sup>2</sup> )	Chemical Composition										Mechanical Properties			HEAT TREAT- MENT		
							% C	% Mn	% S	% P	% Si	% Cu	% Ni	% Cr	% Mo	% V	U.T.S. (MPa)	YSI (MPa)	% El. On 2" GL			
1	OK	NA	OK	G	1300	NA	0.048	0.360	0.007	0.010	0.015	0.003	0.022	0.013	0.001	0.001	0.001	0.001	442	372	31	OK
	OK	NA	OK	G	1300	NA	0.064	0.456	0.007	0.015	0.020	0.004	0.018	0.025	0.001	0.001	0.001	0.001	465	397	31	OK
2	OK	NA	OK	G	1300	NA	0.040	0.427	0.005	0.011	0.022	0.005	0.027	0.015	0.001	0.001	0.001	0.001	439	378	32	OK
3	OK	NA	OK	G	2500	NA	0.055	0.502	0.007	0.009	0.028	0.003	0.015	0.010	0.001	0.001	0.001	0.001	438	357	32	OK
4	OK	OK	NA	G	2500	NA	0.051	0.459	0.004	0.017	0.029	0.003	0.025	0.018	0.001	0.001	0.001	465	390	30	OK	

Note : Test Certificate issued according to EN 10204-3.1



**ZENITH STEEL PIPES & INDUSTRIES LIMITED**  
*Always the Best!*



Certificate No. 0008169-05  
ISO 9001 : 2015



Certificate No. 034659-01  
ISO 14001 : 2015



Certificate No. 0101092  
OHSAS ISO 45001 : 2018

Authorised Signatory  
(Quality Control)

