



HYDROSTATIC TEST FOR PRESSURE PIPES

Project :-	Rural water supply project Under JJM, Pratapgarh, Uttar Pradesh
Client :-	State Water & Sanitation Mission Govt of Uttar Pradesh
TPI :-	Medhaj Techno Concept Pvt. Ltd.
Contractor :-	Power Mech Project Ltd.

Block: MANGRAURA, G.P. Dehri digar

Dial Log Ref	Tested as per CPHEEO
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Date						Date of Testing 06/12/2023					Observation	Remark
SL No.	Material of Pipe	OD (MM)	Start Node	End Node	Length	Applied test pressure (kg/cm ²)	Time in Hrs					
							Pressure rising time (Hrs)	Pressure hold time (Hrs)	Total Duration Hrs			
1	HDPE	160	J2	J58	486	6KG/CM2	3	3.2	6.2			
2	HDPE	160	J58	J66	7.3	6KG/CM2	3	3.2	6.2			
3	HDPE	160	J58	J66	129.3	6KG/CM2	3	3.2	6.2			
4	HDPE	160	J66	J78	5.4	6KG/CM2	3	3.2	6.2			
5	HDPE	160	J66	J78	438.2	6KG/CM2	3	3.2	6.2			
6	HDPE	140	J187	J182	121.5	6KG/CM2	3	3.2	6.2			
7	HDPE	140	J182	J183	43.7	6KG/CM2	3	3.2	6.2			
8	HDPE	140	J183	J185	132	6KG/CM2	3	3.2	6.2			
9	HDPE	140	J78	J182	1374.1	6KG/CM2	3	3.2	6.2			
10	HDPE	140	J78	J182	4.3	6KG/CM2	3	3.2	6.2			
11	HDPE	125	J205	J203	5.5	6KG/CM2	3	3.2	6.2			
12	HDPE	125	J205	J203	12	6KG/CM2	3	3.2	6.2			
13	HDPE	125	J203	J187	195.1	6KG/CM2	3	3.2	6.2			
14	HDPE	110	J216	J205	207.1	6KG/CM2	3	3.2	6.2			
POWER MECH						MEDHAJ				JAL NIGAM U.P.		
Name: NIKHIL Singh						UNADHESH KUMAR				Ashish Kumar		
Designation:						[Signature]				[Signature]		
Signature: NIKHIL Singh										(CP)		
Date:						06/12/2023						

HYDROSTATIC TEST FOR PRESSURE PIPES

Project:
Bond:
IP:
Contractor:

Rural water supply project Under JSM, Pratapgarh, Uttar Pradesh
State Water & Sanitation Mission Govt of Uttar Pradesh
Medhaj Techno Concept Pvt. Ltd.
Power Mech Project Ltd.

Plot No. 101

Block: MANGRAURA, G.P. Dehri digar

Tested as per IS:1160

Date						Date of Testing 07/12/2022						Observation	Remarks
SL. No.	Material of Pipe	OD (MM)	Start Node	End Node	Length	Applied test pressure (kg/cm ²)	Time in Hrs						
							Pressure rising time (Hrs)	Pressure hold time (Hrs)	Total Duration Hrs				
1	HDPE	63	J230	J224	113.7	6KG/CM2	3	3.2	6.2				
2	HDPE	63	J224	J225	43.3	6KG/CM2	3	3.2	6.2				
3	HDPE	63	J224	J222	6.9	6KG/CM2	3	3.2	6.2				
4	HDPE	63	J222	J223	53.2	6KG/CM2	3	3.2	6.2				
5	HDPE	63	J222	J221A	24.1	6KG/CM2	3	3.2	6.2				
6	HDPE	63	J221A	J221B	59	6KG/CM2	3	3.2	6.2				
7	HDPE	63	J221A	J221	22.8	6KG/CM2	3	3.2	6.2				
8	HDPE	63	J221C	J221D	33.6	6KG/CM2	3	3.2	6.2				
9	HDPE	63	J213	J214	52.5	6KG/CM2	3	3.2	6.2				
10	HDPE	63	J213	J220	371.5	6KG/CM2	3	3.2	6.2				
11	HDPE	63	J213	J220	3.6	6KG/CM2	3	3.2	6.2				
12	HDPE	63	J218	J219	50.9	6KG/CM2	3	3.2	6.2				
13	HDPE	63	J220	J239	189.7	6KG/CM2	3	3.2	6.2				
14	HDPE	63	J239	J243	56.3	6KG/CM2	3	3.2	6.2				
15	HDPE	63	J239	J241	83.8	6KG/CM2	3	3.2	6.2				
16	HDPE	63	J241	J242	43.2	6KG/CM2	3	3.2	6.2				
17	HDPE	63	J241	J241A	31.4	6KG/CM2	3	3.2	6.2				
18	HDPE	63	J241A	J241B	4.2	6KG/CM2	3	3.2	6.2				
19	HDPE	63	J241A	J241B	59.3	6KG/CM2	3	3.2	6.2				
20	HDPE	63	J241A	J240	8.7	6KG/CM2	3	3.2	6.2				
21	HDPE	63	J240	J245	71.2	6KG/CM2	3	3.2	6.2				
22	HDPE	63	J240	J235	17.9	6KG/CM2	3	3.2	6.2				
23	HDPE	63	J235	J236	70.2	6KG/CM2	3	3.2	6.2				
24	HDPE	63	J235	J233	42.7	6KG/CM2	3	3.2	6.2				
25	HDPE	63	J264	J265	187.3	6KG/CM2	3	3.2	6.2				
26	HDPE	63	J233	J234	46.8	6KG/CM2	3	3.2	6.2				
27	HDPE	63	J233	J221	34.7	6KG/CM2	3	3.2	6.2				
28	HDPE	63	J16	J22	117.1	6KG/CM2	3	3.2	6.2				
29	HDPE	63	J16	J22	5.7	6KG/CM2	3	3.2	6.2				
30	HDPE	63	J22	J37	109.1	6KG/CM2	3	3.2	6.2				
31	HDPE	63	J37	J38	3.7	6KG/CM2	3	3.2	6.2				
32	HDPE	63	J37	J42	45.3	6KG/CM2	3	3.2	6.2				
33	HDPE	63	J37	J53A	432.1	6KG/CM2	3	3.2	6.2				
34	HDPE	63	J53A	J53	32.2	6KG/CM2	3	3.2	6.2				
35	HDPE	63	J53A	J53	2.8	6KG/CM2	3	3.2	6.2				
36	HDPE	63	J53A	J53B	61.6	6KG/CM2	3	3.2	6.2				
37	HDPE	63	J16	J17	3.5	6KG/CM2	3	3.2	6.2				
38	HDPE	63	J16	J17	85	6KG/CM2	3	3.2	6.2				
39	HDPE	63	J264	J262	354.5	6KG/CM2	3	3.2	6.2				
POWER MECH						MEDHAJ			JAL NIGAM U.P.				
Name: Nikhil Singh						UJJDHESH KUMAR			Nikhil Kumar 07/12/2022				
Designation:													
Signature: Nikhil Singh													
Date:													

HYDROSTATIC TEST FOR PRESSURE PIPES

Project :-	Rural water supply project Under JJM, Pratapgarh, Uttar Pradesh
Client :-	State Water & Sanitation Mission Govt of Uttar Pradesh
PI :-	Medhaj Techno Concept Pvt. Ltd.
Contractor :-	Power Mech Project Ltd.

Block: MANGRAURA, G.P-Dehri digar

Mail Log Ref.	Tested as per CPHEIO
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Date						Date of Testing					Observation	Remarks
Sl. No.	Material of Pipe	OD (MM)	Start Node	End Node	Length	Applied test pressure (kg/cm ²)	Time in Hrs					
							Pressure rising time (Hrs)	Pressure hold time (Hrs)	Total Duration Hrs			
1	HDPE	90	J5	J7	118.4	6KG/CM2	3	3.2	6.2			
2	HDPE	90	J5	J2	113.2	6KG/CM2	3	3.2	6.2			
3	HDPE	90	J213	J202	37.6	6KG/CM2	3	3.2	6.2			
4	HDPE	90	J213	J202	43.4	6KG/CM2	3	3.2	6.2			
5	HDPE	75	J7	J14	42.5	6KG/CM2	3	3.2	6.2			
6	HDPE	75	J221	J221C	58.4	6KG/CM2	3	3.2	6.2			
7	HDPE	75	J221C	J213	93.5	6KG/CM2	3	3.2	6.2			
8	HDPE	75	J220	J218	23.2	6KG/CM2	3	3.2	6.2			
9	HDPE	75	J221	J213	3.4	6KG/CM2	3	3.2	6.2			
10	HDPE	75	J7	J16	68.2	6KG/CM2	3	3.2	6.2			
11	HDPE	75	J7	J14	3.3	6KG/CM2	3	3.2	6.2			
12	HDPE	75	J7	J14	100	6KG/CM2	3	3.2	6.2			
13	HDPE	75	J185	J207	168.7	6KG/CM2	3	3.2	6.2			
14	HDPE	75	J185	J186	4.5	6KG/CM2	3	3.2	6.2			
15	HDPE	75	J205	J218	386.3	6KG/CM2	3	3.2	6.2			
16	HDPE	63	J187	J190	162.6	6KG/CM2	3	3.2	6.2			
17	HDPE	63	J187	J190	18	6KG/CM2	3	3.2	6.2			
18	HDPE	63	J216	J246	92.9	6KG/CM2	3	3.2	6.2			
19	HDPE	63	J246	J247A	28.6	6KG/CM2	3	3.2	6.2			
20	HDPE	63	J247A	J247	20.9	6KG/CM2	3	3.2	6.2			
21	HDPE	63	J247A	J247B	40.7	6KG/CM2	3	3.2	6.2			
22	HDPE	63	J246	J254	93.1	6KG/CM2	3	3.2	6.2			
23	HDPE	63	J246	J254	178.7	6KG/CM2	3	3.2	6.2			
24	HDPE	63	J246	J254	95.4	6KG/CM2	3	3.2	6.2			
25	HDPE	63	J246	J254	5.4	6KG/CM2	3	3.2	6.2			
26	HDPE	63	J263	J264	151.4	6KG/CM2	3	3.2	6.2			
27	HDPE	63	J214	J265	185.6	6KG/CM2	3	3.2	6.2			
28	HDPE	63	J264	J262	3.3	6KG/CM2	3	3.2	6.2			
						MEDHAJ			JAL NIGAM U.P.			
Name: Nikul Singh						VISHESH KUMAR			Ashish Kumar			
Designation:						Chhanna			Sri			
Signature: Nikul Singh						02/12/2022						
Date:												

HYDROSTATIC TEST FOR PRESSURE PIPES

Project :- Rural water supply project Under JJM, Pratappgarh, Uttar Pradesh
 Client :- State Water & Sanitation Mission Govt of Uttar Pradesh
 TPE :- Medhaj Techno Concept Pvt. Ltd.
 Contractor :- Power Mech Project Ltd.

Block: MANGRAURA, G.P. Dehri digar

Tested as per CPHEEO

Date						Date of Testing					Observation	Remarks
SL. No.	Material of Pipe	OD (MM)	Start Node	End Node	Length	Applied test pressure (kg/cm ²)	Time in Hrs					
							Pressure rising time (Hrs)	Pressure hold time (Hrs)	Total Duration Hrs			
1	HDPE	63	1248	1250	90.2	6KG/CM ²	3	3.2	6.2			
2	HDPE	63	166	165	39.4	6KG/CM ²	3	3.2	6.2			
3	HDPE	63	166	164	27.2	6KG/CM ²	3	3.2	6.2			
4	HDPE	63	179	1258	988.3	6KG/CM ²	3	3.2	6.2			
5	HDPE	63	1258	1259	236.1	6KG/CM ²	3	3.2	6.2			
6	HDPE	63	1258	1263	527.1	6KG/CM ²	3	3.2	6.2			
7	HDPE	63	1263	1254	5	6KG/CM ²	3	3.2	6.2			
8	HDPE	63	1263	1254	222.6	6KG/CM ²	3	3.2	6.2			
9	HDPE	63	1254	1216	122.7	6KG/CM ²	3	3.2	6.2			
10	HDPE	63	1203	1204	3.8	6KG/CM ²	3	3.2	6.2			
11	HDPE	63	1203	1204	112.2	6KG/CM ²	3	3.2	6.2			
12	HDPE	63	1207	1209	34.6	6KG/CM ²	3	3.2	6.2			
13	HDPE	63	1207	1208	20	6KG/CM ²	3	3.2	6.2			
14	HDPE	63	1207	1231	4	6KG/CM ²	3	3.2	6.2			
15	HDPE	63	1207	1231	261.1	6KG/CM ²	3	3.2	6.2			
16	HDPE	63	1231	1232	28.7	6KG/CM ²	3	3.2	6.2			
17	HDPE	63	1232	1231	112.7	6KG/CM ²	3	3.2	6.2			
18	HDPE	63	1232	1237	104.2	6KG/CM ²	3	3.2	6.2			
19	HDPE	63	1238	1244	172.8	6KG/CM ²	3	3.2	6.2			
20	HDPE	63	1209	1210A	52.1	6KG/CM ²	3	3.2	6.2			
21	HDPE	63	1210A	1210B	9.3	6KG/CM ²	3	3.2	6.2			
22	HDPE	63	1210A	1210	50	6KG/CM ²	3	3.2	6.2			
23	HDPE	63	1211	1215	99.1	6KG/CM ²	3	3.2	6.2			
24	HDPE	63	1185	1186	96.8	6KG/CM ²	3	3.2	6.2			
25	HDPE	63	1183	1195	206.1	6KG/CM ²	3	3.2	6.2			

POWER MECH						MEDHAJ			JAL NIGAM U.P.		
Name:	Nikhil Singh					VINEET KUMAR			Ashish Kumar		
Designation:						C. K. Singh					
Signature:	Nikhil Singh					09/12/2022			15/1		
Date:											