



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.- PUREMANIKANTH

Dail Log Ref.

Tested as per CPHEEO

Date						Date of Testing				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	63	J41	J54	23.6	6KG/CM2	1.2	3.1	4.3		
2	HDPE	63	J41	J54	70.1	6KG/CM2	1.2	3.1	4.3		
3	HDPE	63	J47	J12	71.3	6KG/CM2	1.2	3.1	4.3		
4	HDPE	63	J47	J12	43.5	6KG/CM2	1.2	3.1	4.3		
5	HDPE	63	J47	J46	17.5	6KG/CM2	1.2	3.1	4.3		
6	HDPE	63	J46	J68	17.6	6KG/CM2	1.2	3.1	4.3		
7	HDPE	63	J46	J41	37.1	6KG/CM2	1.2	3.1	4.3		
8	HDPE	63	J46	J41	101.5	6KG/CM2	1.2	3.1	4.3		
9	HDPE	63	J41	J80	92.4	6KG/CM2	1.2	3.1	4.3		
10	HDPE	63	J53	J86	65.1	6KG/CM2	1.2	3.1	4.3		
11	HDPE	63	J80	J72	6.2	6KG/CM2	1.2	3.1	4.3		
12	HDPE	63	J80	J72	85.3	6KG/CM2	1.2	3.1	4.3		
13	HDPE	63	J72	J60	3.2	6KG/CM2	1.2	3.1	4.3		
14	HDPE	63	J72	J64	5.2	6KG/CM2	1.2	3.1	4.3		
15	HDPE	63	J72	J64	3.5	6KG/CM2	1.2	3.1	4.3		
16	HDPE	63	J72	J64	6.2	6KG/CM2	1.2	3.1	4.3		
17	HDPE	63	J72	J64	38.7	6KG/CM2	1.2	3.1	4.3		
18	HDPE	63	J72	J60	57.1	6KG/CM2	1.2	3.1	4.3		
19	HDPE	63	J72	J62	53.3	6KG/CM2	1.2	3.1	4.3		
20	HDPE	110	J62	J45	73.4	6KG/CM2	1.2	3.1	4.3		
21	HDPE	110	J62	J45	52.1	6KG/CM2	1.2	3.1	4.3		
22	HDPE	110	J62	J45	5.1	6KG/CM2	1.2	3.1	4.3		
23	HDPE	63	J45	J29	100.1	6KG/CM2	1.2	3.1	4.3		
24	HDPE	63	J45	J29	12.1	6KG/CM2	1.2	3.1	4.3		
25	HDPE	63	J29	J29A	25.5	6KG/CM2	1.2	3.1	4.3		
26	HDPE	63	J29A	J29B	30.5	6KG/CM2	1.2	3.1	4.3		
27	HDPE	63	J29A	J29C	39.3	6KG/CM2	1.2	3.1	4.3		
28	HDPE	63	J29C	J29D	5.9	6KG/CM2	1.2	3.1	4.3		
29	HDPE	63	J29D	J18	14.1	6KG/CM2	1.2	3.1	4.3		
30	HDPE	63	J29D	J18	55.9	6KG/CM2	1.2	3.1	4.3		
31	HDPE	63	J29D	J29E	2.8	6KG/CM2	1.2	3.1	4.3		
32	HDPE	63	J29D	J29E	57.2	6KG/CM2	1.2	3.1	4.3		
33	HDPE	63	J29D	J70	115.8	6KG/CM2	1.2	3.1	4.3		
34	HDPE	63	J70	J78	42.1	6KG/CM2	1.2	3.1	4.3		
35	HDPE	63	J70	J76	220.1	6KG/CM2	1.2	3.1	4.3		
36	HDPE	63	J70	J76	9.3	6KG/CM2	1.2	3.1	4.3		
37	HDPE	63	J70	J76	3.8	6KG/CM2	1.2	3.1	4.3		
38	HDPE	75	J76	J96	99.1	6KG/CM2	1.2	3.1	4.3		
39	HDPE	90	J76	J75	178.5	6KG/CM2	1.2	3.1	4.3		
40	HDPE	90	J76	J75	8.2	6KG/CM2	1.2	3.1	4.3		
41	HDPE	90	J75	J63	101.1	6KG/CM2	1.2	3.1	4.3		
42	HDPE	90	J75	J63	93.3	6KG/CM2	1.2	3.1	4.3		
43	HDPE	90	J75	J63	4	6KG/CM2	1.2	3.1	4.3		
44	HDPE	110	J63	J43	113.1	6KG/CM2	1.2	3.1	4.3		
45	HDPE	63	J96	J106	407.1	6KG/CM2	1.2	3.1	4.3		
46	HDPE	63	J106	J87	39.4	6KG/CM2	1.2	3.1	4.3		

47	HDPE	63	J87	J106	9.7	6KG/CM2	1.2	3.1	4.3		
48	HDPE	63	J87	J138	60.3	6KG/CM2	1.2	3.1	4.3		
49	HDPE	63	J87	J138	3.6	6KG/CM2	1.2	3.1	4.3		
50	HDPE	63	J138	J101	21.6	6KG/CM2	1.2	3.1	4.3		
51	HDPE	63	J138	J95	64.2	6KG/CM2	1.2	3.1	4.3		
52	HDPE	63	J95	J111	102	6KG/CM2	1.2	3.1	4.3		
53	HDPE	63	J95	J98	34.8	6KG/CM2	1.2	3.1	4.3		
54	HDPE	63	J98	J86	7.9	6KG/CM2	1.2	3.1	4.3		
55	HDPE	63	J98	J86	44.5	6KG/CM2	1.2	3.1	4.3		
56	HDPE	63	J98	J87	19.6	6KG/CM2	1.2	3.1	4.3		
57	HDPE	63	J98	J87	22.3	6KG/CM2	1.2	3.1	4.3		
57)	HDPE	63	154	85	14.3	6KG/cm2	1.2	3.1	4.3		
57)	HDPE	63	85	94	2.9	6KG/cm2	1.2	3.1	4.3		
		POWER MECH				MEDHAJ			JAL NIGAM U.P.		
Name:		Nilanj Singh				VINODHESH KUMAR			Jal Nigam U.P.		
Designation:						V. Arora			Jal Nigam U.P.		
Signature:											
Date:											



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Block: MANGRAURA, G.P.- PUREMANIKANTH

Dall Log Ref.

Tested as per CPHEEO

Date						Date of Testing					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	63	J106	J97	156.5	5.7KG/CM2	1	3.1	4.1			
2	HDPE	63	J106	J97	80.2	5.7KG/CM2	1	3.1	4.1			
3	HDPE	63	J106	J97	7.2	5.7KG/CM2	1	3.1	4.1			
4	HDPE	63	J97	J132	92	5.7KG/CM2	1	3.1	4.1			
5	HDPE	63	J97	J132	22.8	5.7KG/CM2	1	3.1	4.1			
6	HDPE	63	J132	J143	21.1	5.7KG/CM2	1	3.1	4.1			
7	HDPE	63	J132	J143	28.1	5.7KG/CM2	1	3.1	4.1			
8	HDPE	63	J74A	J74B	2.6	5.7KG/CM2	1	3.1	4.1			
9	HDPE	63	J74A	J74B	24.6	5.7KG/CM2	1	3.1	4.1			
10	HDPE	125	J74A	J8	35.1	5.7KG/CM2	1	3.1	4.1			
11	HDPE	125	J74A	J8	4.3	5.7KG/CM2	1	3.1	4.1			
12	HDPE	63	J8	J28	25	5.7KG/CM2	1	3.1	4.1			
13	HDPE	125	J8	J6	50	5.7KG/CM2	1	3.1	4.1			
14	HDPE	63	J6	J28	32.6	5.7KG/CM2	1	3.1	4.1			
15	HDPE	125	J6	J3A	20.6	5.7KG/CM2	1	3.1	4.1			
16	HDPE	63	J3A	J3B	30	5.7KG/CM2	1	3.1	4.1			
17	HDPE	125	J3A	J3	15.8	5.7KG/CM2	1	3.1	4.1			
18	HDPE	63	J3	J4	47.3	5.7KG/CM2	1	3.1	4.1			
19	HDPE	110	J3	J62	45.6	5.7KG/CM2	1	3.1	4.1			
20	HDPE	110	J3	J62	3.3	5.7KG/CM2	1	3.1	4.1			
21	HDPE	63	J28	J25	66.3	5.7KG/CM2	1	3.1	4.1			
22	HDPE	63	J25	J13	83.8	5.7KG/CM2	1	3.1	4.1			
23	HDPE	63	J25	J22	12.3	5.7KG/CM2	1	3.1	4.1			
24	HDPE	63	J22	J34	103.9	5.7KG/CM2	1	3.1	4.1			
25	HDPE	63	J22	J17	33.5	5.7KG/CM2	1	3.1	4.1			
26	HDPE	63	J17	J17A	22.3	5.7KG/CM2	1	3.1	4.1			
27	HDPE	63	J17A	J17B	24.3	5.7KG/CM2	1	3.1	4.1			
28	HDPE	63	J17A	J116	27.1	5.7KG/CM2	1	3.1	4.1			
29	HDPE	63	J17A	J116	7.5	5.7KG/CM2	1	3.1	4.1			
30	HDPE	63	J17	J57	55.6	5.7KG/CM2	1	3.1	4.1			
31	HDPE	63	J57	J15	56.3	5.7KG/CM2	1	3.1	4.1			
32	HDPE	63	J15	J9	54.1	5.7KG/CM2	1	3.1	4.1			
33	HDPE	63	J9	J63	169	5.7KG/CM2	1	3.1	4.1			
34	HDPE	63	J9	J63	26.1	5.7KG/CM2	1	3.1	4.1			
35	HDPE	63	J18	J35	122.3	5.7KG/CM2	1	3.1	4.1			
36	HDPE	75	J96	J115	135.7	5.7KG/CM2	1	3.1	4.1			
37	HDPE	63	J115	J104	158.3	5.7KG/CM2	1	3.1	4.1			
38	HDPE	63	J115	J122	96.6	5.7KG/CM2	1	3.1	4.1			
39	HDPE	63	J122	J125	4.8	5.7KG/CM2	1	3.1	4.1			
40	HDPE	63	J122	J125	180.1	5.7KG/CM2	1	3.1	4.1			

41	HDPE	63	J122	J132	56.1	5.7KG/CM2	1	3.1	4.1		
42	HDPE	90	J63	J79	390.1	5.7KG/CM2	1	3.1	4.1		
43	HDPE	90	J63	J79	4.6	5.7KG/CM2	1	3.1	4.1		
44	HDPE	90	J79	J148	120.1	5.7KG/CM2	1	3.1	4.1		
45	HDPE	90	J79	J148	9.3	5.7KG/CM2	1	3.1	4.1		
46	HDPE	90	J79	J148	10.5	5.7KG/CM2	1	3.1	4.1		
47	HDPE	90	J79	J148	5.8	5.7KG/CM2	1	3.1	4.1		
48	HDPE	63	J148	J114	124.7	5.7KG/CM2	1	3.1	4.1		
49	HDPE	63	85	84	298.2	5.7KG/CM2	1	3.1	4.1		
50	HDPE	63	118	149	180.2	5.7KG/CM2	1	3.1	4.1		
		POWER MECH				MEDHAJ				JAL NIGAM U.P.	
Name:		Nilou Singh				VINDHESH KUMAR				A. H. G. R.	
Designation:						V. Kumar				JE	
Signature:											
Date:											



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Date	Date of Testing										
SL. No.	Material of Pipe	OD (MM)	Start Node	End Node	Length	Applied test pressure (kg/cm ²)	Time In Hrs			Observation	Remark
							Pressure rising time (Hrs)	Pressure hold time (Hrs)	Total Duration Hrs		
1	HDPE	63	J114	J118	56.6	5.2KG/CM2	1.2	3.8	5		
2	HDPE	63	J141	J140	13.1	5.2KG/CM2	1.2	3.8	5		
3	HDPE	63	J141	J140	10.1	5.2KG/CM2	1.2	3.8	5		
4	HDPE	63	J141	J140	23.1	5.2KG/CM2	1.2	3.8	5		
5	HDPE	63	J141	J140	17.6	5.2KG/CM2	1.2	3.8	5		
6	HDPE	63	J140	J136	4.1	5.2KG/CM2	1.2	3.8	5		
7	HDPE	63	J140	J136	17.9	5.2KG/CM2	1.2	3.8	5		
8	HDPE	63	J140	J136	2.7	5.2KG/CM2	1.2	3.8	5		
9	HDPE	63	J140	J134	20.8	5.2KG/CM2	1.2	3.8	5		
10	HDPE	63	J134	J135	32.1	5.2KG/CM2	1.2	3.8	5		
11	HDPE	63	J134	J135	2.8	5.2KG/CM2	1.2	3.8	5		
12	HDPE	63	J134	J128	213.1	5.2KG/CM2	1.2	3.8	5		
13	HDPE	63	J75	J69	150	5.2KG/CM2	1.2	3.8	5		
14	HDPE	63	J128	J128A	7.1	5.2KG/CM2	1.2	3.8	5		
15	HDPE	63	J128	J114	5.6	5.2KG/CM2	1.2	3.8	5		
16	HDPE	63	J128	J114	422.1	5.2KG/CM2	1.2	3.8	5		
17	HDPE	63	J148	J153	429.7	5.2KG/CM2	1.2	3.8	5		
18	HDPE	63	J79	J79A	59.2	5.2KG/CM2	1.2	3.8	5		
19	HDPE	63	J79A	J79B	2.8	5.2KG/CM2	1.2	3.8	5		
20	HDPE	63	J79A	J79B	14.1	5.2KG/CM2	1.2	3.8	5		
21	HDPE	63	J79B	J79C	11.2	5.2KG/CM2	1.2	3.8	5		
22	HDPE	63	J79B	J79D	28.5	5.2KG/CM2	1.2	3.8	5		
23	HDPE	63	J79A	J49	134.4	5.2KG/CM2	1.2	3.8	5		
24	HDPE	63	J49	J23	53.1	5.2KG/CM2	1.2	3.8	5		
25	HDPE	63	J49	J24	46.1	5.2KG/CM2	1.2	3.8	5		
26	HDPE	63	J49	J24	31.2	5.2KG/CM2	1.2	3.8	5		
27	HDPE	63	J24A	J24B	24.8	5.2KG/CM2	1.2	3.8	5		
28	HDPE	63	J49	J30	16.1	5.2KG/CM2	1.2	3.8	5		
29	HDPE	63	J30	J55	40	5.2KG/CM2	1.2	3.8	5		
30	HDPE	63	J55	J40	69	5.2KG/CM2	1.2	3.8	5		
31	HDPE	63	J55	J61	29.8	5.2KG/CM2	1.2	3.8	5		
32	HDPE	63	J30	J42	25.6	5.2KG/CM2	1.2	3.8	5		
33	HDPE	63	J42	J61	41.4	5.2KG/CM2	1.2	3.8	5		
34	HDPE	63	J42	J39	43.3	5.2KG/CM2	1.2	3.8	5		
35	HDPE	63	J39	J19	35.5	5.2KG/CM2	1.2	3.8	5		
36	HDPE	63	J39	J50	19.1	5.2KG/CM2	1.2	3.8	5		
37	HDPE	63	J39	J50	4.1	5.2KG/CM2	1.2	3.8	5		
38	HDPE	63	J50	J36	3.8	5.2KG/CM2	1.2	3.8	5		
39	HDPE	75	J50	J36	31.9	5.2KG/CM2	1.2	3.8	5		
40	HDPE	90	J36	J73	10.1	5.2KG/CM2	1.2	3.8	5		

41	HDPE	90	J36	J73	8.4	5.2KG/CM2	1.2	3.8	5																																																														
42	HDPE	63	J68	J46	121.5	5.2KG/CM2	1.2	3.8	5																																																														
43	HDPE	90	J36	J73	18	5.2KG/CM2	1.2	3.8	5																																																														
44	HDPE	90	J36	J73	24.9	5.2KG/CM2	1.2	3.8	5																																																														
45	HDPE	90	J36	J73	15.3	5.2KG/CM2	1.2	3.8	5																																																														
46	HDPE	90	J36	J73	7.1	5.2KG/CM2	1.2	3.8	5																																																														
47	HDPE	140	J73	J56A	3.3	5.2KG/CM2	1.2	3.8	5																																																														
48	HDPE	140	J73	J56A	73.8	5.2KG/CM2	1.2	3.8	5																																																														
49	HDPE	63	J56A	J56B	24.1	5.2KG/CM2	1.2	3.8	5																																																														
50	HDPE	140	J56A	J56C	5.5	5.2KG/CM2	1.2	3.8	5																																																														
51	HDPE	63	J56C	J56D	7.6	5.2KG/CM2	1.2	3.8	5																																																														
52	HDPE	63	J56C	J56D	20.1	5.2KG/CM2	1.2	3.8	5																																																														
53	HDPE	125	J56D	J56	24.2	5.2KG/CM2	1.2	3.8	5																																																														
54	HDPE	140	J56	J56C	19.8	5.2KG/CM2	1.2	3.8	5																																																														
55	HDPE	140	J56	J5	38.1	5.2KG/CM2	1.2	3.8	5																																																														
56	HDPE	63	J5	J10	18	5.2KG/CM2	1.2	3.8	5																																																														
57	HDPE	63	J5	J10	13.1	5.2KG/CM2	1.2	3.8	5																																																														
58	HDPE	140	J5	J5A	24.6	5.2KG/CM2	1.2	3.8	5																																																														
59	HDPE	63	J5A	J5B	2.1	5.2KG/CM2	1.2	3.8	5																																																														
60	HDPE	63	J5A	J5B	13.2	5.2KG/CM2	1.2	3.8	5																																																														
61	HDPE	140	J5A	J2	10	5.2KG/CM2	1.2	3.8	5																																																														
62	HDPE	140	J5A	J2	25.3	5.2KG/CM2	1.2	3.8	5																																																														
63	HDPE	63	J2	J1	12	5.2KG/CM2	1.2	3.8	5																																																														
64	HDPE	140	J2	J2A	19.5	5.2KG/CM2	1.2	3.8	5																																																														
65	HDPE	140	J2	J2A	7.5	5.2KG/CM2	1.2	3.8	5																																																														
66	HDPE	125	J56D	J74	13.8	5.2KG/CM2	1.2	3.8	5																																																														
67	HDPE	63	J74	J82	1.5	5.2KG/CM2	1.2	3.8	5																																																														
68	HDPE	63	J74	J82	60.1	5.2KG/CM2	1.2	3.8	5																																																														
69	HDPE	125	J74	J74A	9.8	5.2KG/CM2	1.2	3.8	5																																																														
70	HDPE	63	J52	J41	141.3	5.2KG/CM2	1.2	3.8	5																																																														
71	HDPE	63	J58	J18	102.3	5.2KG/CM2	1.2	3.8	5																																																														
72	HDPE	63	J58	J54	151.2	5.2KG/CM2	1.2	3.8	5																																																														
73	HDPE	63	J75	J15	68.1	5.2KG/CM2	1.2	3.8	5																																																														
74	HDPE	63	J73	J57	52	5.2KG/CM2	1.2	3.8	5																																																														
75	HDPE	63	J118	J112	50.2	5.2KG/CM2	1.2	3.8	5																																																														
76	HDPE	63	J31	J31A	96.2	5.2KG/CM2	1.2	3.8	5																																																														
<table border="1"> <tr> <td colspan="4">POWER MECH</td><td colspan="4">MEDHAJ</td><td colspan="4">JAL NIGAM U.P.</td></tr> <tr> <td>Name:</td><td colspan="4">Nikhil Singh</td><td colspan="4">VENKATESH KUMAR</td><td colspan="3">Amit Kumar</td></tr> <tr> <td>Designation:</td><td colspan="4"></td><td colspan="4">Chennar</td><td colspan="3"></td></tr> <tr> <td>Signature:</td><td colspan="4"></td><td colspan="4"></td><td colspan="3"></td></tr> <tr> <td>Date:</td><td colspan="4"></td><td colspan="4"></td><td colspan="3"></td></tr> </table>												POWER MECH				MEDHAJ				JAL NIGAM U.P.				Name:	Nikhil Singh				VENKATESH KUMAR				Amit Kumar			Designation:					Chennar							Signature:												Date:											
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