

Application Data Sheet – Input Data required for Surge Analysis of Rising Mains



Client Information:

Customer	.....	Name of Rising Main :	.....
Address:	.....	Name of Dept./ End User	.....
	.....	Body / Project Authority	.....
	.....	State	.....
State:	PIN	Project stage	.....
Contact : Name:	.....	Mail id and Cell Phone:	.....

Data:

PIPE DATA :

Total Length	..... meters	Pipe Material	.....
Design discharge (total)	..... m ³ /hr	Thickness(Bare Metal)	..... mm
Pipe Diameter (OD)	..... mm	Cement Mortar Lining Thick	..... mm
Pipe Diameter (ID)	..... mm	Friction Coefficient (HW)	.....
Total Thickness	..... mm		
Surge Control limits specified in the tender?	..... 1	Upsurge Control Limit	..... % of pumping head
		Downsurge Control Limit	..... MWC below atm.

IMPORTANT

- In case of MS pipes, please specify the MS pipe dimensions and thickness of coating specifically
- In case different diameters are used in various sections, please give details separately.

PIPE PROFILE DATA

Please provide following details

RL of pump outlet	..... mtrs	L- Sectin showing distance and elevation: in MS Excel / AutoCAD format
Min. water level at suction	..... mtrs	Location of branching outlet and sizes
FSL of Delivery Reservoir	..... mtrs	Details of installed air valves NRVs etc in the Longitudinal section
Starting Chainage	..... mtrs	In case of branches, give the above details and pipe data for each branch
End Chainage	..... mtrs	

PUMP DATA : (please provide for each pump)

Pump Make	.....	
Type of Pump	.....		like VT pump or HSCF pump
Pump Model	.....	
No. of Pumps Installed	Nos.	Rated Speed	..... RPM
Pumps Working	Nos.	Rated Efficiency %
Stand By	Nos.	Dia of delivery pipe	..... mm
Designed duty head	..... meters	GD ² of Pump	..... Kg-m ²
Discharge (each pump)	..... m ³ /hr	GD ² of Motor	..... Kg-m ²
Rated Power	Kw	Type of NRV	.....
Station Losses	..... meters	Appurtenances Losses	.....

Rev3

- Please provide head and discharge characteristic of each pump
- Attach drawing showing arrangement of pumps and manifold

ENCLOSURES, ATTACHMENTS

L- Section	.....	Document / Drawing No.	.....	Remarks	.....
Pump Characteristics	.....			
Pump House drawing	.....			
Networking details	.....			

L section in MS excel format helps in quick modelling and analysis

Please send the above information duly filled in with all necessary attachments to:

Please e-mail the duly filled in form to : pankaj@jashindia.com ashwini@jashindia.com neeraj@jashindia.com



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