



Pipe Hangers and Supports Pvt. Ltd

NEWSLETTER- 16

- In this chapter let us discuss in **general** about the client enquiry with **technical data** which decides the offer-output from support vendors. This is applicable both for offer (pre order) & as well as post order partially.
- It is very easy to mention that the technical data has to be accurate for a proper offer. But from the consultant angle, it is very difficult to freeze the technical input data in the first stage itself as there are various aspects to be considered like status of equipment, piping layout, support engineering, stress analysis results etc combined with customer approval.
- At client's side the technical data is normally generated & compiled based on the information & data received from various engineering sections like pipe layout, stress analysis, support engineering section, input from sub vendors etc.
- Apart from the points listed above, the completeness of the input also depends on the depth of knowledge of the handling individual. The accuracy level of support vendor's technical offers will also be accordingly incomplete & forced to have many assumptions if the enquiry is not thorough.
- Correct & complete information will aid the vendor to submit an offer properly & results in the offer maturing into firm order without any delay/query. This will definitely reduce the cycle time of interaction & finalisation of the items required for the client & aid for on time delivery.

Before proceeding further it is better to understand the terminologies/terms used & its importance in the technical data received along with enquiry.

The major terms used are listed below:

1. Reference isometric dwg no
2. Support/hanger tag no
3. Support type/ref arrangement dwg no
4. Node no (mere no)
5. Support direction (X/Y/Z)
- 5a. System name
6. Pipe /trunnion size (DN/NB/OD mm)
7. Pipe material specification
8. Design/operating temperature (Deg C)
9. Insulation thk (mm)
10. Pipe C.L.elevation (mm)
11. Supporting structure elevation (BOS-Bottom of steel) (mm or metre)

12. Loads (operating/occasional/Hydro)($\pm F_x$, $\pm F_y$, $\pm F_z$ in Kg/Kn)
13. Thermal movements, maximum movements ($\pm X$, $\pm Y$, $\pm Z$)(mm)
14. Trunnion pipe size (Dn/Db or OD in mm)

15. Regardless the following four are most essential

1. Hot or cold load
2. Up or down travel
3. Elevation
4. Pipe NB

These above data will be applicable mostly for green field jobs & may slightly differ in case of replacement jobs.

Please see attachment on next page.

For past newsletters please look up our website www.pipehangers.in

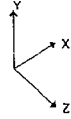
About Pipe Hangers:

A Global Solution to Spring Hangers and Supports

We are the leading manufacturer of spring hangers, supports & accessories. Over the past 35 years we have supplied to major power plants, refineries, nuclear installations & process industries in India & several International projects.

Pipe Hangers & Supports Private Limited

Information Req'd by Pipe Support Manufacturer



- 1) Hot Load (Operating Load) in Kgs : _____
- 2) Thermal Movement / Travel (Direction + or -) in mm : UP (+) mm
- 3) Type of Hanger Variable / Constant /Rigid : VariableEffort Support
- 4) For Constant Add Over Travel : Yes No
- 5) For Variable Springs Max Allowable % Load Variation : %
- 6) Horizontal / Lateral Movement (If any) : 'X' Dir mm / 'Z' Dir mm
- 7) Hydro Load (If any) : Kgs
- 8) Model & Type of Support : _____
- 9) Assembly Length (From BOS/TOS to Pipe CL) : mm
- 10) Operating Temperature : Deg C
- 11) Pipe Insulation Thk : mm
- 12) Pipe Material : _____
- 13) Require Pipe Shoe for Foot Mounted Support : Yes No
- 14) For Foot Mounted Support Match Height : Yes No
- 15) Attachments like Lugs, Cleats Welded to Pipe in Scope : Yes No
- 16) Operating Load includes Wt of Accessories like
Clamp, Tie Rods, Cleats, Lugs etc. : Yes No
- 17) Preferred Surface Protection / Painting : _____
- 18) For 'G' Type /Double / Trapeze type Hanger the
Load Given above is for 1 assembly consisting of
2 Hangers / Individual Hanger : Yes No
- 19) Hot load or Cold load Setting

