



## Pipe Hangers & Supports Private Limited (ISO - 9001 - 2008)

**Corporate Office**  
Plot No. 40, 1st Floor, Industrial Estate, Perungudi,  
Chennai - 600 096  
India

**Registered Office**  
Plot No. 29, Industrial Estate, Perungudi,  
Chennai - 600 096  
India

**Thanjavur factory**  
Plot No. 18-20, 22, 23  
SIDCO Industrial Estate,  
Nanjikottai, Thanjavur - 613 006  
India

**Enquiries: [sales@pipehangers.in](mailto:sales@pipehangers.in)**  
**Tel: +91 44 2496 7711 - 15**

### Site Storage Manual

**Variable Hangers & Supports; Constant Hangers & Supports;  
HD PUF/Isocast Supports; Hydraulic Snubbers;  
Slide Bearings; Ancillaries, Rigid supports and Steel Work**

**Manual No; EM - SS - 01**  
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REV	DATE	DESCRIPTION	RAISED	APPRD

## Site Storage Manual

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## **Site Storage Manual**

### **1.0 Aim**

handling of supports manufactured and supplied by Pipe Supports Ltd.

### **2.0 Scope**

**2.1** This manual covers the site storage & handling requirements for the following products.

- Variable Effort Supports
- Constant Effort Supports
- HD PUF/Isocast Supports
- Slide Bearings
- Hydraulic Snubber
- Ancillaries, Rigid Supports & Steel work

### **3.0 Responsibilities**

**3.1** Pipe Supports Limited (PSL) shall be responsible for ensuring that the goods are adequately packed and protected taking in to account the method and duration of shipment.

**3.2** Supports shall be shipped fully assembled where ever practicable.

**3.3** The Client or his agent shall assume responsibility for the goods once they have been received at the contractual delivery point.

**3.4** The Client or his agent shall be responsible for ensuring that the requirements of this manual are complied with.

### **4.0 Site Storage; Handling & Dismantling Instructions**

**4.1** Supports should be handled with care and stored in a dry and dust free environment. Refer to Sec.5.0 of this manual for further guidelines specific to various products.

**4.2** Variable & constant supports are factory preset at despatch condition. Do not change the load settings with out consulting the piping engineer responsible for the system.

**4.3** Ensure that Pins/Bolt nuts in Structural and Pipe attachments are dismantled only during installation at site in order to avoid loss of such small parts.

**4.4** Packaging should be reinstated after any Goods Inward Inspection at site until they are required for use.

**4.5** Do not paint Name/Scale plates.

**4.6** Refer to Support GA Drawings for the arrangement details.

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- 4.7 Do not cut, drill or modify the support components with out consulting the piping engineer responsible for the system and PSL.
- 4.8 If any damage has occurred to the supports during transit, inform PSL as soon as the goods are received.

### **5.0 Erection & Maintenance**

- 5.1 Care must be taken during welding of support components to the structure as to avoid damage to critical components such as springs, PTFE pads etc.
- 5.2 Care must be taken to not exceed the recommended torque values for tightening the clip hardware in PUF/Isocast supports.
- 5.3 Refer to appropriate PSL Erection & Maintenance Manuals for the precautions to be taken during Erection of these supports.

**6.0 Site Storage & Handling Instructions**

<b>Product Description</b>	<b>Site Storage Instructions</b>	<b>Site Handling Instructions</b>
<b>Variable Effort Supports</b>	Store in a dry dust free environment, preferably off the floor and under cover.	Handle with care to avoid damage to components, threads and protective coating. Take care not to damage the name/scale plates.
<b>Constant Effort Supports</b>	Store in a dry dust free environment, preferably off the floor and under cover.	Handle with care to avoid damage to components, threads and protective coating. Take care not to damage the name/scale plates.
<b>HD PUF/Isocast Supports</b>	Store off the floor and under cover. Protect from exposure to direct sunlight, wind and water.	Do not lift in a manner that imposes high localised pressure on the foam element or protective coating. Handle shoes only with soft slings or by hand and attach only to the steel parts of the assembly. Take care not to tear or pierce the vapour seal. Avoid Sharp blows due to hammering, dropping etc as this may cause cracking or chipping. Avoid contact with flames or temperatures in general above 160C.
<b>Product Description</b>	<b>Site Storage Instructions</b>	<b>Site Handling Instructions</b>
<b>Slide Bearings</b>	Store off the floor and under cover. Protect from exposure to direct sunlight, wind and water.	Handle with care to avoid damage/scratch to PTFE and polished surfaces. Avoid contact with flames or temperatures in general above 120C. Avoid ingress of dirt on to bearing surfaces.
<b>Hydraulic Snubber</b>	Store off the floor and under cover. Protect from exposure to direct sunlight, wind and water. Snubbers should be stored with the shipping plug/vent plug in the uppermost position.	Handle with care to avoid damage due to rough handling. Avoid contact with flames. Avoid sharp blows or dropping as this may cause damage to the components.
<b>Ancillaries, Rigid Supports and Steel work</b>	Store in a dry dust free environment, preferably off the floor and under cover.	Handle with care to avoid damage to components, threads and protective coatings.