



South Asia

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# Design Appraisal Document

Document Number : DAD-PWS-002604  
 Issue Number : 00  
 Dated : 21 June 2017 |  
 Page Number : Page 1 of 3

Client Name	FLUID CONTROLS PVT. LTD	IND Number or W/o Number	PWS-002604
Item Description	PIPE CLAMP ASSEMBLY	TÜV SÜD South Asia coordinator	MR. ANAND DESHPANDE
Design Code	DIN 3015 PART -1,2,3&10	Client Project Details	NA
Client Contact Person And Contact Number	MR. RAHUL PATIL +91 9730748891	Client email ID / Website	<a href="mailto:rahul.patil@fluidcontrols.com">rahul.patil@fluidcontrols.com</a>

The undernoted documents are review for compliance with the above mentioned design code for the specified design / operating conditions and following are the observations of our design examination –

## **Results of the Design Examination / Appraisal:**

- ⌐ No objections were found.
- A re-evaluation is required.
- ⌐ Please observe our comments mentioned on the appraised documents.
- Re-submission of documents is required.
- Deviations, additions to or exclusions from the test specification.
- Non-standard test methods or procedures utilized.
- Utilised measurements, examinations and derived results.

## **General Notes:**

1. All the appraised documents are sent in e-format only.  
In-case hard copies of the appraised documents are required, client has to send the required hard copies of these documents to our office.
2. The results of this evaluation are valid only for the undernoted documents. A partial duplication of this report / appraisal without our written consent is not permitted.
3. The invoice in conjunction with this evaluation will be sent separately.



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**A. General Comments:**

1. The following are outside the scope of this appraisal unless otherwise noted; Client to take necessary action to comply with the same wherever applicable.
  - i. Checking to standards other than the design Code mentioned above.
  - ii. Review of process suitability.
  - iii. Review of civil foundation and anchorage requirement.
  - iv. Review of internal / external attachments, supports, lifting / rigging, etc. and its effect (local as well as global) on the equipment.
  - v. Suitability of gasket material for the design & operation condition.
  - vi. Review of effect from differential thermal expansion, expansion elements, cyclic loading, high temperature design in creep range, etc.
  - vii. Review of effect from external loads like nozzle loads, wind/seismic/snow loads, etc.
2. The mechanical properties must be guaranteed by the materials manufacturers within the quality system and certification as per the above mentioned design Codes.
3. Construction & testing should be carried out to the requirements of the design Code and to the satisfaction of the surveyor.

**B. Design Appraisal Comments:**

1. As per DIN 3015 PART-10 type testing according to clause 3 is required for pipe clamp assembly and the compliance with determination of testing according to clause 3 must be confirmed by manufacturer through EN 10204 TYPE 2.2 certificate.



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**List of Appraised Documents:**

Sr. No.	Description	Document Number	Revision	Received Date	Status
1	PIPE CLAMP ASSEMBLY -LIGHT DUTY SERIES	HAG/GAD/SD/C/ALL	0	07-06-2017	P
2	PIPE CLAMP ASSEMBLY -HEAVY DUTY SERIES	HAG/GAD/HD/C/ALL	0	21-06-2017	P
3	PIPE CLAMP ASSEMBLY -TWIN CLAMP	HAG/GAD/TW/C/ALL	0	09-06-2017	P

With Best Regards

**Shahnawaz Karadigudda**  
For TÜV SÜD South Asia Pvt. Ltd.  
IS – Design Appraisal

**Abbreviation List:**

P	Appraised	PI	Retained for Information
PR	Company to provide the resolution pertaining to the matters identified within the Commented Documents and this Design Appraisal Document.		
PS	Company to provide the details pertaining to the matters identified within the Commented Documents and this Design Appraisal Document to our Local Surveyor Office or Attending Surveyor for the compliance.		

Appeals against the results of the examination laid down in this report can be addressed to our department at any time in written format only.

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