



Exploration & Production

GENERAL SPECIFICATION

PIPING VALVES VESSELS

GS PVV 921

Check list for inspection of pressure vessels

01	10/03	Change of Group name and logo
00	07/01	First issue
Rev.	Date	Notes



Project designation:

Pressure vessel designation and item number:

Purchase Order Number:

Manufacturer's name:

Manufacturer's reference number:

Drawings numbers:

Item	Designation	Date	Signature
1	Check the materials identification and designation including coupons; coupons shall be hard stamped.		
2	Check if the materials designation is in accordance with the drawings, the calculation notes, the specifications of the project, and the purchase order.		
3	Review the material certificates and check their conformity to their standard specifications.		
4	Verify that all Manufacturer's drawings are approved by the Engineering Company.		
5	Verify that all manufacturing procedures to be used have been approved by the Engineering Company.		
6	Witness all necessary procedures qualification tests (welding of test coupons as well as mechanical tests).		
7	Examine the Welding Procedure Specifications (WPS) and the procedures Qualification Test Records (PQR) and check that they have been approved by the Engineering Company.		
8	Review welders and welder operators qualification. Witness all necessary qualification tests.		
9	Examine the Non-Destructive Examination procedures (NDE) and verify that they have been approved by the Engineering Company.		
10	Review NDE operators qualifications.		
11	Examine the pressure test procedure and verify that it has been approved by the Engineering Company.		
12	Check dimensions of components.		
13	Check welds bevels and preparation.		



Item	Designation	Date	Signature
14	Check alignments during fabrication welding.		
15	Witness welding of fabrication coupons.		
16	Visual examination (internally and externally), including welds.		
17	Check roundness of shells and heads at seams location.		
18	Witness the NDE or review the NDE reports.		
19	Examine the radiographs.		
20	Dimensional check of vessel before post weld heat treatment.		
21	Note each material heat and batch number on a layout map.		
22	Check the vessel supporting in the furnace before any PWHT (if witnessing of PWHT is required).		
23	Verify that PWHT complies with procedures approved by the Engineering Company.		
24	Witness the fabrication coupons tests.		
25	Witness the NDE or review the NDE reports after PWHT.		
26	Examine the radiographs after PWHT.		
27	Check for any distortion, as well as roundness and diameters after PWHT.		
28	Witness tightness tests.		
29	Witness pressure tests.		
30	Inspect nozzles attachments to shells or heads.		
31	Visual examination of both internal and external parts of the Vessel, including internals (i.e. trays), and overall cleanliness.		
32	Inspect corrosion protection of flanges facings and other machined surfaces.		
33	Inspect mechanical protection of flanges facings and threaded components.		
34	Inspect painting and/or coatings.		
35	Review marking for shipping.		
36	Check that the Manufacturer has established "As Built" drawings.		
37	Issue an inspection release note.		



Notes:

- Perform also any other inspection called for in the purchase order and in the specifications.
- Any rejection shall be examined again after correction, and the Inspection Agency shall only put date and signature where the corresponding item has been accepted.
- All items of this document must be either approved or noted "Not Applicable" prior to the final acceptance of the vessel.

Final acceptance of the vessel

Representative	Name	Date	Signature
Manufacturer			
Inspection Agency			