



## PRESSURE TEST REPORT

1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th

Report No	C290222/PT/001
Vessel Type	RVTA19
Project Number	C290222
Test date	08.03.2018
Specification / Procedure No / Rev No	ASME Sec VIII Div.1
Inspector Name	U.DINESH
Drawing No / Rev No	HC002573 Rev A
Fluid used for pressure test	Deminerallised Water
Temperature of test fluid	29°C
Hydro Static Test Pressure	29 Barg

### Calibration details of Test gauges used for Pressure test (Cold stretching)

Test Gauge	Pressure Gauge	UT Thickness Gauge	Measuring Tape(mm)
Gauge No	CAP-T-72	CAP-T-75	CAP-T-116
Range	0-100 Bar	0-100 Bar	1-200 mm
Calibrated on	15.01.2018	15.01.2018	01.09.2017
Due on	14.07.2018	14.07.2018	01.09.2018

### First pressurization and 30 minutes stabilization.

Time	8:45 AM	10:45 AM	H + 15 min.	H + 15 min.	E < 0,1% C/h	11:45 AM	Cold Stretching results %
Pressure	Basic Status	29 bar	29 bar	29 bar	0	Final Status	
Shell n°1	5822	6089	6089	6089	0	6075	4,35%
Shell n°2	5819	6110	6110	6110	0	6098	4,79%
Shell n°3	5825	6115	6115	6115	0	6102	4,76%
Shell n°4	5820	6084	6084	6084	0	6070	4,30%
Shell n°5							
Shell n°6							
Shell n°7							
Shell n°8							
Shell n°9							
Shell n°10							

Note:  
1/ - Cold Stretching % (Final dimensions at 0 bar - Initial dimension at 0 bar) / Initial dimension at 0 bar  
2/ - Pressure between : Pk et 0,95Pk  
3/- ALL DIMENSIONS ARE IN 'mm' UNLESS OTHERWISE SPECIFIED.

### Thickness values checked and Mechanical characteristics:

Top dish end	Shell n°10	Shell n°9	Shell n°8	Shell n°7	Shell n°6	Shell n°5	Shell n°4	Shell n°3	Shell n°2	Shell n°1	Bottom dish end
	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	1' 2" 3"	
Shell Length Before Pressure Test	5978	mm	Shell Length After Pressure Test	5982	mm						

	Thickness (Before) cold stretching (mm)			Thickness (After) cold stretching (mm)							
Point:	1	2	3	4	1	2	3	4	Heat no./Plate no.	Re 0,2% (Mpa)	Re 1% (Mpa)
Bottom dish end	7.30	7.70	7.60	7.60	7.30	7.70	7.60	7.60	A1702321-FA70606950K00	266	
Shell n°1	7.00	7.20	7.00		6.90	6.80	6.80		21701657	330	
Shell n°2	7.00	7.00	7.20		6.70	6.80	6.80		21701657	330	
Shell n°3	7.00	7.20	7.20		6.70	6.80	6.80		21701657	330	
Shell n°4	7.00	7.20	7.00		6.90	6.80	6.80		21701657	330	
Shell n°5											
Shell n°6											
Shell n°7											
Shell n°8											
Shell n°9											
Shell n°10											
Top dish end	7.60	7.70	7.80	7.40	7.60	7.70	7.80	7.40	A1702321-FA70606950K00	266	

Initial capacity at 0 bar by Design data

17770(litres)

Add Capacity

1520(litres)

Final Capacity by Design data

19290(litres)

REMARKS: NO VISIBLE LEAKAGE FOUND & HYDROSTATIC TEST FOUND SATISFACTORY

Engineer QC, Cryolor Asia Pacific Pvt Ltd.

Name: U.DINESH

Date:

Signature:

Inspection Authority, Witnessed by

Name: PRAKASH NAIK

Date:

Signature:

PV/R/444  
19/01/2005

TUV SUD 700