



# MATERIAL TESTING LABORATORY IKRAM QA SERVICES SDN BHD

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(A member of Kumpulan IKRAM)

## TEST REPORT

Report No.	PDS11B08/295/22	Date	15.12.2022			
Total No of Pages	3	Page No.	1 / 3			
Name And Address Of Recipient (As Given By Applicant)	PTM WATER SYSTEM SDN. BHD. Lot 3707, Jalan 7/5, Taman Industri Selesa Jaya, 43300 Balakong, Selangor darul Ehsan. Attn: Mr. Max Lee					
Title of the report (As Given By Applicant)	BSEN 10312:2002 Requirement Clause 11.4.3 Hydrostatic Test.					
Applicant's Reference	Mr. Max Lee - PTM WATER SYSTEM SDN. BHD.					
Application Date	23.11.2022	Tested By	Nurmyzatul Ain			
Testing Fees References	Invoice No.: IQAS/22/ML/0146.					
Particulars Of Sample (As Given By Applicant)						
No.	Material (s)	Size	Brand	Qty.	Sample Markings	IKRAM QA Sample References
1.	Stainless Steel Water Pipe With Fitting	Refer page 2	PTM	8 Nos	S1 -S8	295-S1 to 295-S8
Testing (s)						
Test Carried Out			Test Method (s)			
Hydrostatic Test			MS 1988: 2007 / BSEN 10312: 2002 Cl. 11.4.3			
Remarks	1) The test was conducted at the PTM Stainless Steel Industry Sdn. Bhd., Lot 3707, Jalan 7/5, Taman Industri Selesa Jaya, 43300 Balakong, Selangor Darul Ehsan., on 29 November 2022 under observation of the staff IKRAM QA Services Sdn. Bhd. 2) Tested Sample Please Refer Appendix A.					

Approved Signatory,  
IKRAM QA Services Sdn. Bhd.



NIK MOHD NASARUDIN BIN NIK HASAN  
LABORATORY EXECUTIVE  
IKRAM QA SERVICES SDN. BHD

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Title of the report : BSEN 10312:2002 Requirement Clause 11.4.3 Hydrostatic Test.

## List Of Sample In Test Report

Particulars Of Sample ( As Given By Applicant )						IKRAM QA
No.	Material (s)	Size	Brand	Qty.	Sample Marking	Sample Reference
1	Stainless Steel Water Pipe With Fitting	Ø 15mm	PTM	1 No	S1	295-S1
2	Stainless Steel Water Pipe With Fitting	Ø 22mm	PTM	1 No	S2	295-S2
3	Stainless Steel Water Pipe With Fitting	Ø 28mm	PTM	1 No	S3	295-S3
4	Stainless Steel Water Pipe With Fitting	Ø 35mm	PTM	1 No	S4	295-S4
5	Stainless Steel Water Pipe With Fitting	Ø 42mm	PTM	1 No	S5	295-S5
6	Stainless Steel Water Pipe With Fitting	Ø 54mm	PTM	1 No	S6	295-S6
7	Stainless Steel Water Pipe With Fitting	Ø 76.1mm	PTM	1 No	S7	295-S7
8	Stainless Steel Water Pipe With Fitting	Ø 108mm	PTM	1 No	S8	295-S8



Prepared By	Verified By
Nurmyzatul Ain Che Kamaruzaman	Nik Mohamad Nasarudin Nik Hasan
	

Title Of The Report : BSEN 10312:2002 Requirement Clause 11.4.3 Hydrostatic Test.

TEST REPORT

No.	Material	Sample References	Sample Markings	Size	Brand	Min Pressure (Bar)	Result
1	Stainless Steel Water Pipe With Fitting	295-S1	S1	Ø 15mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 130 bar)
2	Stainless Steel Water Pipe With Fitting	295-S2	S2	Ø 22mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 110 bar)
3	Stainless Steel Water Pipe With Fitting	295-S3	S3	Ø 28mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 105 bar)
4	Stainless Steel Water Pipe With Fitting	295-S4	S4	Ø 35mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 90 bar)
5	Stainless Steel Water Pipe With Fitting	295-S5	S5	Ø 42mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 80 bar)
6	Stainless Steel Water Pipe With Fitting	295-S6	S6	Ø 54mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 80 bar)
7	Stainless Steel Water Pipe With Fitting	295-S7	S7	Ø 76.1mm	PTM	50	No leakage or visible defomation was observed ( Jointer burst at 80 bar)
8	Stainless Steel Water Pipe With Fitting	295-S8	S8	Ø 108mm	PTM	30	No leakage or visible defomation was observed ( Jointer burst at 60 bar)

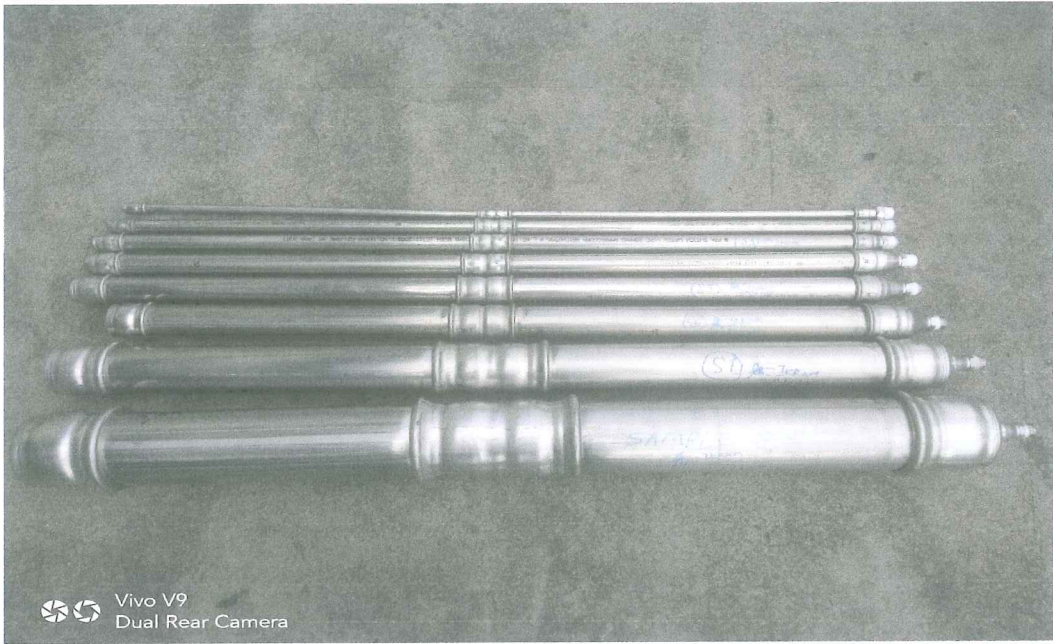
Humidity/Temperature during testing ( 59 % / 27 °C ).

Prepared By	Verified By
Nurmyzatul Ain Che Kamaruzaman	Nik Mohamad Nasarudin Nik Hasan
	





Hydrostatic Test Setup in Progress



Tested Sample S1 to S8