

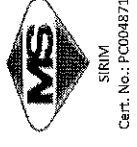


MILL TEST CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)

(A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON IZB. 81700 PASIR GUDANG
 JOHOR DARUL TAKZIM, MALAYSIA
 Tel: +607-2518888 Fax: +607-2519999 Website: www.pantechgroup.com
 http://www.pantech-group.com



Cert. No.: PC004871



Certified to NSF/ANSI 61



Approval No.: IS05001-0047465



Sarabangaya Perkhidmatan Air Raga
 NO. SUJIL PENDAFTARAN: SPAN/BPI/809-10/553/A/W-1

MATERIAL MANUFACTURER APPROVAL ACCORDING TO PED 2014/68/EU ANNEX 1, PAR 4.3.
 PED CERTIFICATE NO.: 0543/PED/MUM/1110006/1

Certificate No : PSAZ-27696
 Date : 24/03/2022

INSPECTION DOCUMENT: EN 10204-2004 Type 3.1

Customer : Unimech Engineering (M) Sdn Bhd
 Product : Welded Austenitic Stainless Steel Pipe

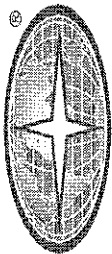
PO No.	Invoice No.	Product Specification	Dimensional & Inspection Specification										Delivery Condition
			ASTM A312/A312M - 21 / ASME SA312/SA312M - 21					ASTM A999/A999M - 18 / ASME SA999/SA999M - 21					
Heat No.	Size	Grade	Quantity (Length)	Non Destructive Test			Inter-Granular Corrosion Test	Hydrostatic Test		Dimensional / PMI / Visual Inspection			
				Eddy Current	Flattening	Corrosion Test		Pressure / Hold	Result				
KG445-10	12 inch Sch 10S x 6M	TP 304/304L	3	PASSED	PASSED	PASSED	PASSED	NH	-	GOOD			
KG456-10	12 inch Sch 10S x 6M	TP 304/304L	5	PASSED	PASSED	PASSED	PASSED	NH	-	GOOD			
KG459-10	12 inch Sch 10S x 6M	TP 304/304L	3	PASSED	PASSED	PASSED	PASSED	NH	-	GOOD			
KG462-10	12 inch Sch 10S x 6M	TP 304/304L	17	PASSED	PASSED	PASSED	PASSED	NH	-	GOOD			
LG045-10	12 inch Sch 10S x 6M	TP 304/304L	14	PASSED	PASSED	PASSED	PASSED	NH	-	GOOD			
Specification		Chemical Composition (%)											
Max	C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB		Remarks
Min	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	YS	TS	E		
Heat No.	-	-	-	-	-	18.00	8.00	-	(ksi / MPa)	(%)	(%)		
KG445-10	0.020	0.35	1.14	0.027	0.002	18.05	8.04	< 0.01	205	515	35	90	
KG456-10	0.022	0.41	1.13	0.027	0.002	18.20	8.03	< 0.01	343	651	53	75	
KG459-10	0.025	0.35	1.12	0.032	0.002	18.08	8.05	< 0.01	340	645	49	79	
KG462-10	0.023	0.35	1.14	0.024	0.002	18.13	8.04	< 0.01	326	617	50	80	
LG045-10	0.026	0.37	1.16	0.027	0.001	18.11	8.01	< 0.01	327	624	54	80	
									331	630	50	77	

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER.
 AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.
 TENSILE REQUIREMENT- CONFORMS TO ASTM A370 - 12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE. LONGITUDINAL DIRECTION. GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD
 WELDED BY ELECTRIC FUSION WELDING PROCESS WITH NO FILLER METAL.
 INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E
 HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156-2015 & NACE-MR0103-2015
 HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER
 CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION
 *2: NH: Non Hydrostatically Tested
 *3: REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.3.9) PROCEDURE ACC. TO CLAUSE 22.3.3.9

Head of Quality Assurance Department



MILL TEST CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
(A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON 12B, 81700 PASIR GUDANG
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PTD 204334, JALAN PLATINUM UTAMA
Tel: +607-2518888 Fax: +607-2519999 Website: www.pantechsteel.com
http://www.pantech-group.com



Cert. No.: PC004871



Certified to NSF/ANSI 61



Approval No.: ISO9001-0047465



NO. SUKIL PENDAFTARAN: SPAN/BP/200-10/553/A/W-1

MATERIAL MANUFACTURER APPROVAL ACCORDING TO PED 2014/68/EU ANNEX 1, PARA 4.3.
PED CERTIFICATE NO.: 0349/PED/MUM/11.0006/1

Customer : Unimech Engineering (M) Sdn Bhd
Product : Welded Austenitic Stainless Steel Pipe

Certificate No : PSA2-27697
Date : 24/03/2022

INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

PO No.	Invoice No.	Product Specification		Dimensional & Inspection Specification				Delivery Condition																																																																							
		ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18 / ASME SECTION II PART A-201 B 36.19M- 2018 & B36.10M-2018 / ASME SECTION II PART A-201	ASTM A999/A999M - 18 / ASME SECTION II PART A-201	Solution Treated, Plain Ends Square Cut	Solution Treated, Pickled-Passivated, Plain Ends Square Cut	Hydrostatic Test	Dimensional /PMI/ Visual Inspection																																																																							
Heat No.	Size	Grade	Quantity (Length)	Non Destructive Test		Inter-Granular Corrosion Test	Pressure / Hold	Result	Remarks																																																																						
				Eddy Current	Flattening																																																																										
LG052-10	12 Inch Sch 10S x 6M	TP 304/304L	1	PASSED	PASSED	PASSED	NH	-	GOOD																																																																						
<table border="1"> <thead> <tr> <th rowspan="2">Specification</th> <th colspan="10">Chemical Composition (%)</th> </tr> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Pb</th> <th colspan="2">Tensile Test¹</th> <th rowspan="2">Hardness, HRB</th> </tr> <tr> <td>Max</td> <td>0.035</td> <td>1.00</td> <td>2.00</td> <td>0.045</td> <td>0.030</td> <td>20.00</td> <td>11.00</td> <td>-</td> <td>YS (ksi / MPa)</td> <td>TS (%)</td> <td>E (%)</td> </tr> <tr> <td>Min</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>18.00</td> <td>8.00</td> <td>-</td> <td>205</td> <td>515</td> <td>35</td> </tr> <tr> <td>Heat No.</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>18.11</td> <td>8.01</td> <td>< 0.01</td> <td>331</td> <td>630</td> <td>50</td> </tr> <tr> <td>LG052-10</td> <td>0.026</td> <td>0.37</td> <td>1.16</td> <td>0.027</td> <td>0.001</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>77</td> </tr> </thead></table>										Specification	Chemical Composition (%)										C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB	Max	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	YS (ksi / MPa)	TS (%)	E (%)	Min	-	-	-	-	-	18.00	8.00	-	205	515	35	Heat No.	-	-	-	-	-	18.11	8.01	< 0.01	331	630	50	LG052-10	0.026	0.37	1.16	0.027	0.001						77
Specification	Chemical Composition (%)																																																																														
	C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB																																																																				
Max	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	YS (ksi / MPa)	TS (%)		E (%)																																																																			
Min	-	-	-	-	-	18.00	8.00	-	205	515	35																																																																				
Heat No.	-	-	-	-	-	18.11	8.01	< 0.01	331	630	50																																																																				
LG052-10	0.026	0.37	1.16	0.027	0.001						77																																																																				

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.

TENSILE REQUIREMENT: CONFORMS TO ASTM A370 - 12a STANDARD. SPECIMEN GAUGE WIDTH 19.2MM FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE. LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL.

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E

HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156-2015 & NACE-MR0105-2015

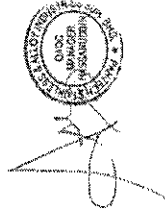
HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

*1. YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

*2. NH: Non Hydrostatically Tested

REDDY CURRENT ACCORDING TO ASTM E426-98 (Reapproved 2003)⁶¹ REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.8.4, PROCEDURE ACC. TO CLAUSE 22.3.9)



Head of Quality Assurance Department



MILL TEST CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)

(A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)
PTD 204334, JALAN PLATINUM UTAMA,
KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON IEB, 81700 PASIR GUDANG

JOHOR DARUL TAKZIM, MALAYSIA
Tel: +607-2518888 Fax: +607-2519999 Website: www.pantechalloy.com
http://www.pantech-group.com



Cert. No.: PCD004871



Certified to NSF/ANSI 61



Approval No.: ISO9001-0047465



Suruhanjaya Perkhidmatan Air Negara
NO. SUJIL PENDAFTARAN : SPAN/BP/300-10/553/A/W-1

MATERIAL MANUFACTURER APPROVAL ACCORDING TO PED 2014/68/EU ANNEX 1, PARA 4.3.
PED CERTIFICATE NO.: 0343/PED/MUM/11100068/1

Customer : Unimech Engineering (M) Sdn Bhd
Product : Welded Austenitic Stainless Steel Pipe

Certificate No : PSA2-27694
Date : 24/03/2022

INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

PO No.	Invoice No.	Product Specification		Dimensional & Inspection Specification						Delivery Condition		
		ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18 / ASME SA999/SA999M - 21 B 36.19M - 2018 & B36.10M-2018 / ASME SECTION II PART A-2021	Quantity (Length)	Non Destructive Test		Inter-Granular Corrosion Test	Hydrostatic Test		Dimensional / PMI/ Visual Inspection		
Heat No.	Size	Grade	Quantity (Length)	Eddy Current	Flattening	PASSED	PASSED	PASSED	Pressure / Hold	Result	Result	Remarks
KG461-10	4 inch Sch 10S x 6M	TP 304/304L	60	PASSED	PASSED	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	GOOD
LG011-10	4 inch Sch 10S x 6M	TP 304/304L	10	PASSED	PASSED	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	GOOD
LG047-10	4 inch Sch 10S x 6M	TP 304/304L	70	PASSED	PASSED	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	GOOD
LG054-10	4 inch Sch 10S x 6M	TP 304/304L	53	PASSED	PASSED	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	GOOD
LG062-10	4 inch Sch 10S x 6M	TP 304/304L	47	PASSED	PASSED	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	GOOD
Specification		Chemical Composition (%)										
Max	C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB	
Min	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	YS	TS	E	
Heat No.	-	-	-	-	-	18.00	8.00	-	(ksi / MPa)	(%)	(%)	
KG461-10	0.023	0.35	1.14	0.024	0.002	18.13	8.04	< 0.01	205	515	35	90
LG011-10	0.024	0.45	1.13	0.032	0.002	18.07	8.03	< 0.01	360	668	54	81
LG047-10	0.028	0.45	1.18	0.031	0.001	18.19	8.02	< 0.01	352	632	51	82
LG054-10	0.022	0.35	1.18	0.036	0.001	18.15	8.02	< 0.01	356	652	50	76
LG062-10	0.028	0.38	1.13	0.029	0.002	18.11	8.03	< 0.01	343	650	47	82

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER.

AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION

TENSILE REQUIREMENT: CONFORMS TO ASTM A570 - 12a STANDARD. SPECIMEN GAUGE WIDTH 19.2MM FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE LONGITUDINAL DIRECTION. GAUGE LENGTH 12" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E

HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156-2015 & NACE-MR0103-2013

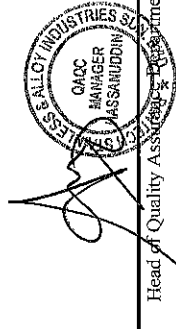
HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

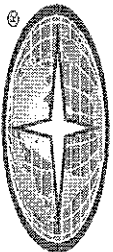
*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

*2: NPI: Not Hydrostatically Tested

EDDY CURRENT ACCORDING TO ASTM F426-98 (Reapproved 2003) *3: REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.9)



Head of Quality Assurance Department



MILL TEST CERTIFICATE
PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
 (A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

PTD 204334, JALAN PLATINUM UTAMA,
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 JOHOR DARUL TAKZIM, MALAYSIA
 Tel: +607-2318888 Fax: +607-2519999 Website: www.pantechsalloy.com
 http://www.pantech-group.com

INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

Customer : Unimech Engineering (M) Sdn Bhd
 Product : Welded Austenitic Stainless Steel Pipe



Certified to
 NSF/ANSI 61



Approval No.:
 ISO9001-0047465

MATERIAL MANUFACTURER APPROVAL ACCORDING TO
 PED 2014/53/EU, ANNEX 1, PARA 4.3.
 PED CERTIFICATE NO. :
 0345/PED/MU/M/1110066/1

Certificate No : PSA2-27695
 Date : 24/03/2022



PO No.	Invoice No.	Product Specification				Dimensional & Inspection Specification				Delivery Condition						
		ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18 / ASME SA999/SA999M - 21	B 36.19M-2018 & B36.10M-2018 / ASME SECTION II PART A-2021	Solution Treated, Pickled-Passivated, Plain Ends Square Cut	Hydrostatic Test		Dimensional/PMI/ Visual Inspection								
Heat No.	Size	Grade	Quantity (Length)	Non Destructive Test	Inter-Granular Corrosion Test	Flattening	Corrosion Test	Pressure / Hold	Result							
LG090-10	4 inch Sch 10S x 6M	TP 304/304L	20	Eddy Current PASSED	Flattening PASSED	Inter-Granular Corrosion Test PASSED	Pressure / Hold 1600 PSI, 5s	PASSED	PASSED	GOOD						
				Chemical Composition (%)												
Specification				C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB	Remarks	
Max				0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	YS MPa	TS			E (%)
Min				-	-	-	-	-	18.00	8.00	-	-	-			-
Heat No.				-	-	-	-	-	18.15	8.01	< 0.01	205	515			35
LG090-10				0.024	0.40	1.39	0.032	0.001	18.15	8.01	360	639	51			82

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER.

AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.

TENSILE REQUIREMENT: CONFORMS TO ASTM A370 - 12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE, LONGITUDINAL DIRECTION, GAUGE LENGTH 112" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL.

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE F

HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156-2015 & NACE-MR0103-2015

HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

EDDY CURRENT ACCORDING TO ASTM E26-98 (Reapproved 2003) *2: NI: Not Hydrostatically Tested

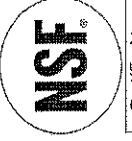
Signature of QA/QC Manager
 QA/QC MANAGER
 HASSANUDDIN
 Head of Quality Assurance Department



MILL TEST CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
(A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

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http://www.pantech-group.com



Approval No.:
IS09001-0047465

Certified to
NSF/ANSI 61

MATERIAL MANUFACTURER APPROVAL ACCORDING TO
PED 2014/68/EU ANNEX 1, PARA 4.3.
PED CERTIFICATE NO.:
0343/PED/MUM/1110006/1



Suruhanjaya Perindustrian Air Baga
NO. SUJIL PENDAFTARAN: SPAN/BPI/300-10/553/A/W-1

INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

Customer : Unimech Engineering (M) Sdn Bhd
Product : Welded Austenitic Stainless Steel Pipe

Certificate No : PSAZ-27698
Date : 24/03/2022

PO No.	Invoice No.	Product Specification	Dimensional & Inspection Specification										Delivery Condition	
			ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18 / ASME SA999/A999M - 21	B 36. 19M- 2018 & B36. 10M-2018 / ASME SECTION II PART A-2021	Non Destructive Test		Inter-Granular Corrosion Test		Hydrostatic Test		Dimensional / PMI / Visual Inspection		
Heat No.	Size	Grade	Quantity (Length)	Eddy Current	Flattening	Corrosion Test	Pressure / Hold	Result	Result	Result	Result	Result	Result	
KS179-10	3/4 inch Sch 10S x 6M	TP 304/304L	65	PASSED	PASSED	PASSED	2500 PSI, 5s	PASSED	PASSED	PASSED	PASSED	GOOD	GOOD	
LG004-10	4 inch Sch 10S x 6M	TP 304/304L	14	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	PASSED	PASSED	GOOD	GOOD	
LG007-10	4 inch Sch 10S x 6M	TP 304/304L	16	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	PASSED	PASSED	GOOD	GOOD	
LG054-10	4 inch Sch 10S x 6M	TP 304/304L	10	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	PASSED	PASSED	PASSED	GOOD	GOOD	
Specification														
Max	Chemical Composition (%)													
	C	Si	Mn	P	S	Cr	Ni	Pb	YS	TS	E	Hardness, HRB		Remarks
0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	-	-	(%)	YS	TS	E	
Heat No.	-	-	-	-	-	18.00	8.00	-	205	515	35	-	-	90
KS179-10	0.010	0.48	0.94	0.027	0.002	18.08	8.00	< 0.01	340	640	52	-	-	79
LG004-10	0.023	0.39	1.17	0.026	0.003	18.25	8.02	< 0.01	359	652	53	-	-	80
LG007-10	0.022	0.32	1.16	0.027	0.002	18.35	8.02	< 0.01	362	669	51	-	-	79
LG054-10	0.022	0.35	1.18	0.036	0.001	18.15	8.02	< 0.01	343	650	47	-	-	82

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER.
AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.
TENSILE REQUIREMENT: CONFORMS TO ASTM A370 - 12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

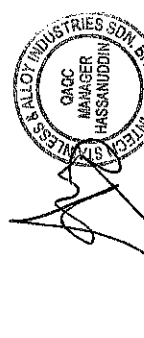
NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL.
INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E

HARDNESS ACCORDING TO NACH-MR0175-2015 / ISO 15156-3015 & NACE-MR0103-2015
HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS
*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

EDDY CURRENT ACCORDING TO ASTM E466-98 (Reapproved 2003) *2: NIT: Not Hydrostatically Tested
REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.8.4. PROCEDURE ACC. TO CLAUSE 22.3.9)



Head of Quality Assurance Department



MILL TEST CERTIFICATE
PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
 (A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

PTD 204334, JALAN PLATINUM UTAMA,
 KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON I2B, 81700 PASIR GUDANG
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 Tel: +607-2518888 Fax: +607-2519999 Website: www.pantechalloy.com
 http://www.pantech-group.com



Approval No.:
 IS09001-0047465



Suruhanjaya Perkhidmatan Air Bersih
 NO. SUJIL PENDAFTARAN: SPAN/BR/300-10/553/AW-1

MATERIAL MANUFACTURER APPROVAL ACCORDING TO
 PED 2014/68/EU ANNEX 1, PARA 4.3.
 PED CERTIFICATE NO.:
 0343/PED/MUM/1111006/1

INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

Certificate No : PSA2-27699
 Date : 24/03/2022

Customer : Unimech Engineering (M) Sdn Bhd
 Product : Welded Austenitic Stainless Steel Pipe

PO No.	Invoice No.	Product Specification		Dimensional & Inspection Specification										Delivery Condition				
		ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18/ ASME SECTION II PART A-2021	ASTM A999/A999M - 18/ ASME SECTION II PART A-2021	Solution Treated, Pickled-Passivated, Plain Ends Square Cut	Inter-Granular Corrosion Test	Hydrostatic Test Pressure / Hold	Result	Dimensional / PMI/ Visual Inspection	Non Destructive Test		Tensile Test ¹		Hardness, HRB		Remarks		
Heat No.	Size	Grade	Quantity (Length)	Eddy Current	Flattening	Corrosion Test	Pressure / Hold	Result	YS MPa	TS MPa	E (%)	YS	TS	E	Hardness, HRB			
KG454-10	4 inch Sch 10S x 6M	TP 304/304L	1	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	360	661	47	205	515	35	85			
LG004-10	4 inch Sch 10S x 6M	TP 304/304L	2	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	359	652	53	-	-	-	80			
LG007-10	4 inch Sch 10S x 6M	TP 304/304L	9	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	362	669	51	-	-	-	79			
LG011-10	4 inch Sch 10S x 6M	TP 304/304L	8	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	352	632	51	-	-	-	82			
LG054-10	4 inch Sch 10S x 6M	TP 304/304L	10	PASSED	PASSED	PASSED	1600 PSI, 5s	PASSED	343	650	47	-	-	-	82			
Chemical Composition (%)																		
Specification	C	Si	Mn	P	S	Cr	Ni	Pb										
Max	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-										
Min	-	-	-	-	-	18.00	8.00	-										
Heat No.	-	-	-	-	-	-	-	-										
KG454-10	0.022	0.41	1.13	0.027	0.002	18.20	8.03	< 0.01										
LG004-10	0.023	0.39	1.17	0.026	0.003	18.25	8.02	< 0.01										
LG007-10	0.022	0.32	1.16	0.027	0.002	18.35	8.02	< 0.01										
LG011-10	0.024	0.45	1.13	0.032	0.002	18.07	8.03	< 0.01										
LG054-10	0.022	0.35	1.18	0.036	0.001	18.15	8.02	< 0.01										

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER, AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.

TENSILE REQUIREMENT: CONFORMS TO ASTM A370 - 12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM, FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE. LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL.

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE F

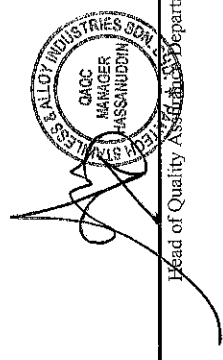
HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156 - 2015 & NACE-MR0103-2015

HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIALS HEAT ANALYSIS

*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

EDDY CURRENT ACCORDING TO ASTM E426-98 (Reapproved 2003) *2 REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.8.4, PROCEEDURE ACC. TO CLAUSE 22.3.9)



Head of Quality Assurance Department



MILL TEST CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
(A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

PTD 204334, JALAN PLATINUM UTAMA,
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JOHOR DARUL TAKZIM, MALAYSIA
Tel: +607-251 8888 Fax: +607-251 9999 Website: www.pantechsteel.com
http://www.pantech-group.com



Approval No.:
ISO9001-0047465

Certified to
NSF/ANSI 61

MATERIAL MANUFACTURER APPROVAL ACCORDING TO
PED 2014/68/EU ANNEX 4, PARA 4.3.
PED CERTIFICATE NO.:
0943/PED/MUM/1110006/1



INSPECTION DOCUMENT: EN 10204:2004 Type 3.1

Customer : Unimech Engineering (M) Sdn Bhd
Product : Welded Austenitic Stainless Steel Pipe

Certificate No : PSA2-27700
Date : 24/03/2022

PO No.	Invoice No.	Product Specification	Dimensional & Inspection Specification				Delivery Condition						
			ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18/ ASME SA999/A999M - 21	B 36.19M-2018 & B36.10M-2018 / ASME SECTION II PART A-2021	Solution Treated, Pickled-Passivated, Plain Ends Square Cut	Hydrostatic Test Pressure / Hold	Result	Dimensional / PMI/ Visual Inspection				
Heat No. LG090-10	Size 4 inch Sch 10S x 6M	Grade TP 304/304L	Quantity (Length) 20	Eddy Current PASSED	Flattening PASSED	Inter-Granular Corrosion Test PASSED	1600 PSI, 5s	PASSED	GOOD				
Specification			Chemical Composition (%)				Tensile Test ¹		Hardness, HRB	Remarks			
Max	C	Si	Mn	P	S	Cr	Ni	Pb			YS MPa	TS MPa	E (%)
Min	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-			-	-	-
Heat No. LG090-10	-	-	-	-	-	18.00	8.00	-	205	515	35		
	0.024	0.40	1.39	0.032	0.001	18.15	8.01	< 0.01	360	639	51		

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER.

AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.

TENSILE REQUIREMENT, CONFORMS TO ASTM A370 - 12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM, FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE. LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOB / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E

HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156-2015 & NACE-MR0103-2015

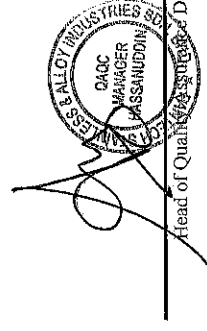
HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

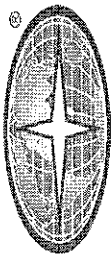
*1: YS, YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

*2: NH: Not Hydrostatically Tested

EDDY CURRENT ACCORDING TO ASTM E426-98 (Reapproved 2003)¹ REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.8.4, PROCEDURE ACC. TO CLAUSE 22.3.9)



Head of Quality Assurance Department



MILL TEST CERTIFICATE
PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
 (A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

PTD 204334, JALAN PLATINUM UTAMA,
 KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON 12B, 81700 PASIR GUDANG
 JOHOR DARUL TAKZIM, MALAYSIA
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 http://www.pantech-group.com



Cert. No.: PC004871



Certified to NSF/ANSI 61



Approval No.: ISO9001-0047465



Suruhanjaya Perindustrian Air Bersih
 NO. SUJIL PENDAFTARAN : SPAN/BP/900-10/553/AW-1

MATERIAL MANUFACTURER APPROVAL ACCORDING TO PED 2014/68/EU, ANNEX 1, PARA 4.3.
 PED CERTIFICATE NO.: 0545/PED/MUM/1110006/1

Customer : Unimech Engineering (M) Sdn Bhd
 Product : Welded Austenitic Stainless Steel Pipe

Certificate No : PSA2-27701
 Date : 24/03/2022

INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

PO No.	Invoice No.	Product Specification		Dimensional & Inspection Specification				Delivery Condition			
		ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18/ ASME SECTION II PART A-2021	ASTM A999/A999M - 18/ ASME SECTION II PART A-2021	Solution Treated, Pickled-Passivated, Plain Ends Square Cut	Solution Treated, Pickled-Passivated, Plain Ends Square Cut	Dimensional / PMI/ Visual Inspection	Remarks			
Heat No.	Size	Grade	Quantity (Length)	Non Destructive Test		Inter-Granular Corrosion Test	Hydrostatic Test		Dimensional / PMI/ Visual Inspection		
				Eddy Current	Flattening		Pressure / Hold	Result			
KG459-10	12 inch Sch 10S x 6M	TP 304/304L	2	PASSED	PASSED	PASSED	NH	-	GOOD		
LG045-10	12 inch Sch 10S x 6M	TP 304/304L	12	PASSED	PASSED	PASSED	NH	-	GOOD		
LG052-10	12 inch Sch 10S x 6M	TP 304/304L	2	PASSED	PASSED	PASSED	NH	-	GOOD		
LG060-10	12 inch Sch 10S x 6M	TP 304/304L	4	PASSED	PASSED	PASSED	NH	-	GOOD		
Chemical Composition (%)											
Specification	C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB
									YS	TS	
Max	0.035	1.00	2.00	0.045	0.030	20.00	11.00	-	-	-	90
Min	-	-	-	-	-	18.00	8.00	-	-	-	-
Heat No.	-	-	-	-	-	-	-	-	205	515	35
KG459-10	0.025	0.35	1.12	0.032	0.002	18.08	8.05	< 0.01	326	617	50
LG045-10	0.028	0.45	1.18	0.031	0.001	18.19	8.02	< 0.01	331	628	55
LG052-10	0.026	0.37	1.16	0.027	0.001	18.11	8.01	< 0.01	331	630	50
LG060-10	0.027	0.35	1.15	0.030	0.001	18.17	8.05	< 0.01	328	629	53

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER.

AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.

TENSILE REQUIREMENT: CONFORMS TO ASTM A370 - 12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM, FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE, LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE F

HARDNESS ACCORDING TO NACE-ME0175-2015 / ISO 15156-2015 & NACE-ME0103-2013

HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

EDDY CURRENT ACCORDING TO ASTM E26-98 (Reapproved 2003) *1 REQUIREMENTS (REFERENCE TO ASTM A999A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.9)

*2: NH: Not Hydrostatically Tested

(Signature)
 Head of Quality Assurance Department



MILL TEST CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)
(A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)

PTD 204334, JALAN PLATINUM UTAMA,
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Tel: +607-2518888 Fax: +607-2519999 Website: www.pantechgroup.com
http://www.pantech-group.com



Cert. No.: PC004871



Certified to NSF/ANSI 61



Approval No.: ISO9001-0047465



MATERIAL MANUFACTURER APPROVAL ACCORDING TO PED 2014/68/EU, ANNEX 1, PARA 4.3.
PED CERTIFICATE NO.: 0343/PED/MUM/1110006/1

INSPECTION DOCUMENT: EN 10204, 2004, Type 3.1

Customer : Unimech Engineering (M) Sdn Bhd
Product : Welded Austenitic Stainless Steel Pipe

Certificate No : PSA2-27646
Date : 15/03/2022

PO No.	Invoice No.	Product Specification		Dimensional & Inspection Specification				Delivery Condition																																																																											
		ASTM A312/A312M - 21 / ASME SA312/SA312M - 21	ASTM A999/A999M - 18 / ASME SA999/SA999M - 21 B 36.19M-2018 & B36.10M-2018 / ASME SECTION II PART A-2021	Quantity (Length)	Eddy Current	Flattening	Inter-Granular Corrosion Test	Hydrostatic Test Pressure / Hold	Result	Dimensional (PMI)/ Visual Inspection																																																																									
APO-2110-0134	L000012708			20	PASSED	PASSED	PASSED	1300 PSI, 5s	PASSED	GOOD																																																																									
Heat No.	Size	Grade																																																																																	
LG015-10	6 inch Sch 10S x 6M	TP 304/304L																																																																																	
<table border="1"> <thead> <tr> <th rowspan="2">Specification</th> <th colspan="10">Chemical Composition (%)</th> </tr> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Pb</th> <th colspan="2">Tensile Test¹</th> <th rowspan="2">Hardness, HRB</th> <th rowspan="2">Remarks</th> </tr> <tr> <th>Max</th> <th>1.00</th> <th>2.00</th> <th>0.045</th> <th>0.030</th> <th>20.00</th> <th>11.00</th> <th>-</th> <th>YS (ksi / MPa)</th> <th>TS (ksi / MPa)</th> <th>E (%)</th> </tr> <tr> <th>Min</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>18.00</th> <th>8.00</th> <th>-</th> <th>205</th> <th>515</th> <th>35</th> <th>-</th> </tr> <tr> <th>Heat No.</th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>352 <td>662 <td>50 <td>81</td> </td></td></td></tr> <tr> <th>LG015-10</th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </thead></table>											Specification	Chemical Composition (%)										C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB	Remarks	Max	1.00	2.00	0.045	0.030	20.00	11.00	-	YS (ksi / MPa)	TS (ksi / MPa)	E (%)	Min	-	-	-	-	-	18.00	8.00	-	205	515	35	-	Heat No.									352 <td>662 <td>50 <td>81</td> </td></td>	662 <td>50 <td>81</td> </td>	50 <td>81</td>	81	LG015-10												
Specification	Chemical Composition (%)																																																																																		
	C	Si	Mn	P	S	Cr	Ni	Pb	Tensile Test ¹		Hardness, HRB	Remarks																																																																							
Max	1.00	2.00	0.045	0.030	20.00	11.00	-	YS (ksi / MPa)	TS (ksi / MPa)	E (%)																																																																									
Min	-	-	-	-	-	18.00	8.00	-	205	515	35	-																																																																							
Heat No.									352 <td>662 <td>50 <td>81</td> </td></td>	662 <td>50 <td>81</td> </td>	50 <td>81</td>	81																																																																							
LG015-10																																																																																			

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER, AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.

TENSILE REQUIREMENT: CONFORMS TO ASTM A370 - 1a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM FOR 1" ABOVE, 1" INCLUDE AND BELOW DIRECT TEST FROM PIPE, LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS: AOD / VOD

WELDED BY ELECTRIC FUSION WELDING WITH PROCESS WITH NO FILLER METAL.

INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E

HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156-2015 & NACE-MR0105-2015

HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER

CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS

*1: YS: YIELD STRENGTH | TS: TENSILE STRENGTH | E: ELONGATION

*2: Nf: Not Hydrostatically Tested

EDDY CURRENT ACCORDING TO ASTM E426-98 (Reapproved 2003)¹ REQUIREMENTS (REFERENCE TO ASTM A999/A999M-12 REQUIREMENTS, DISCONTINUITY ACC. TO CLAUSE 22.3.8.4, PROCEDURE ACC. TO CLAUSE 22.3.9)

Signature and Stamp of Head of Quality Assurance Department