



Sanyoseiki[®]
stainless

**PROVIDING STAINLESS STEEL FOR PHILIPPINE
INDUSTRIES & NATION BUILDING**

Product Brands



STAINLESS STEEL PIPES, TUBES AND BARS



STAINLESS STEEL SHEETS & PLATES



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HISTORY

Company was established in July 22 1987

37 years of experience in stainless steel

2 Plants (Navotas & Laguna)



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STAINLESS STEEL PRODUCTS



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I - beam



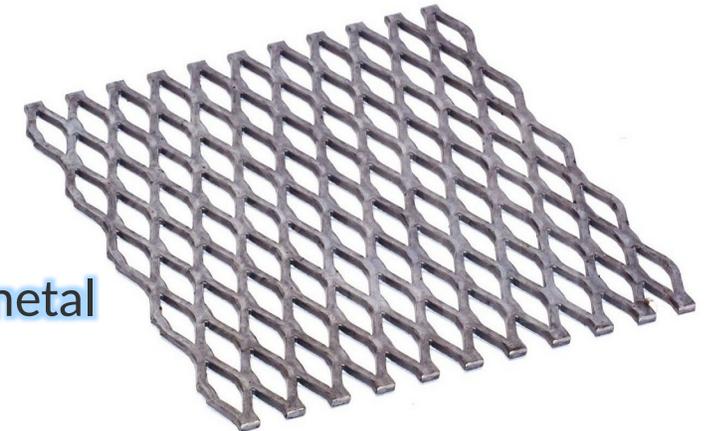
H - beam



Checkered Plate



Perforated Sheet



Expanded metal

Products Specifications

Materials: **SS304, SS304L, SS316, SS316L, SS310S, DUPLEX**

1. Pipes (ASTM A312, A358, A999, **JIS G 3459**)
2. Tubes (ASTM A270, A269, A249, A554, DIN EN 10357, **JIS G 3446**)
3. Sheets and Plates (ASTM A240, A480)
4. Flanges (ASME, DIN, ISO, **JIS, PN**, ASTM A182)
5. Fittings (ASME, DIN, 3A, ISO)
6. Flat Bars, Angle Bars, Round Bars, Channel Bars (ASTM A276, A484, **JIS 4317, JIS 4318, JIS G 4320**)
7. I-beam, H-beam (ASTM A6, A6M)



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PLANT SITES



NAVOTAS PLANT

- WAREHOUSING
- DISTRIBUTION
- CUTTING SERVICE CENTER



LAGUNA PLANT

- MANUFACTURING TUBE & PIPES
- POLISHING
- STAMPING SHEETS / PLATES



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MACHINES



CUT-TO-LENGTH MACHINE

- PLC control operated machine
- Equipped with flattener & leveler
- Capability: 2.0 – 10.0mm thickness ;
- 5 ft width and 40'ft length



GASPARINI 6020

- CNC operated machine
- with back gauge & anti twist features
- Capability: 0.4 - 16.0mm thickness
- 20ft length



LVD – CUT – TO – SIZE

- Hydraulic type
- 500 Tons capacity
- Back gauge & Thickness gauge for accurate measurement

MACHINES



PRESSBRAKE / BENDING MACHINE

- Computer numerical control
- Programmable based on requirement
- With multiple sets of die to form pipes, tubes, channel bar, and angle bar.
- 1000 tons capacity
- 3mm-10mm thick
- Up to 7.2 meter length, 40" diameter pipe / tube



RICO PRESSBRAKE / BENDING MACHINE

- Hydraulic
- 70 tons capacity
- Can press different angle as required.
- Automatic Sequencing and calculation based on input parameters



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POLISHING MACHINES



No. 4 / SATIN FINISH POLISHING MACHINE

- 1.0 – 20MM thickness
- 20” maximum length.
- 5” maximum width
- Grit #60

HAIRLINE FINISH POLISHING MACHINE

- 0.6 – 3MM thickness
- 24” maximum length.



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TURRET PUNCH MACHINE



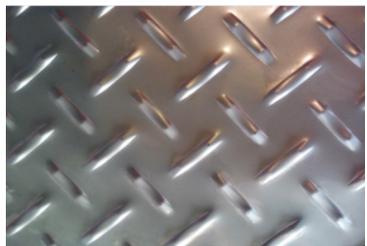
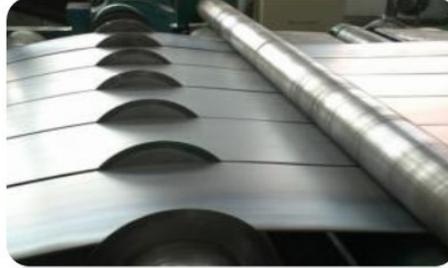
EUROMAC MTX FLEX 6

- CNC Machine
- Punching
- Nibbling
- Forming
- Threading
- Marking
- Grooving

- Replaceable Tooling
- 60 tools
- 30 indexable toolings
- Automatic Re-positioning
- 2500mmx1250mm (Size)
- 4mm (Thickness)

- Hybrid system
- Hydraulic
- Servo Precision
- Versatile Capabilities

SLITTING & CHECKERING MACHINE



SLITTING MACHINE

- PLC operated machine
- 2.0 – 6MM thick – 12 strips max
- 8MM thick – 4 strips
- Minimum strip width = 51MM
- Coil width = 1 – 5 ft.
- 10 tons max capacity

CHECKERED PLATE

- 0.4 – 2MM thickness – small tear drop
- 2.5 – 4MM
- 4.5 – 6MM – big tear drop



AUTOMATIC FORMING / AUTOMATIC TIG WELDING

- ¼ - 4" Tube & Pipe Diameter
- 0.7MM – 5MM thickness
- 7 forming machines
- SCH 10, SCH 20, SCH 30, SCH 40, SCH 80

3 SAF PIPE AUTOMATIC PLASMA + TIG WELDING

- PLC operated machine
- Stable speed and welding current
- 3MM – 10MM thickness, SCH10, SCH 20, SCH 40
- 6 meters length
- 5" – 1.5M diameter
- All gasses supplied by AirLiquide



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WELDING GAS

 **Air Liquide**

Stainless steels

High quality
for all grades

Ar + 2% CO₂



ARCAL
Chrome

Brilliant
Choice





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OTHER EQUIPMENT



TRI - ROLLER

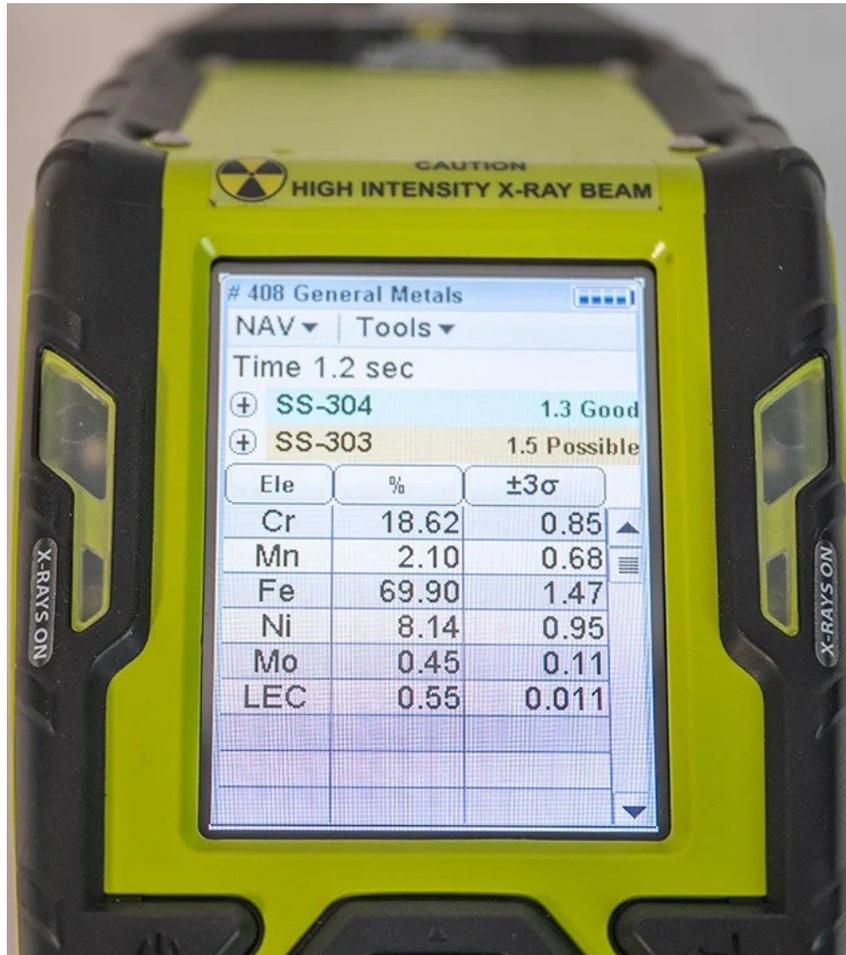


THREADING MACHINE

LIST OF ANALYTICAL TOOLS

DESCRIPTION	TYPE	#UNIT	APPLICATION
THERMO FISHER PORTABLE XRF SPECTROMETER	X-Ray Fluorescence	2	Positive Material Identification of Alloy Elements (PMI)
DIGITAL ULTRASONIC FLAW DETECTOR	Ultrasound	1	Weldments Flaw Detector
TAYLOR HOBSON PORTABLE SURTRONIC	Surface Roughness	1	Measurement of Surface Texture

PORTABLE XRF SPECTROMETER



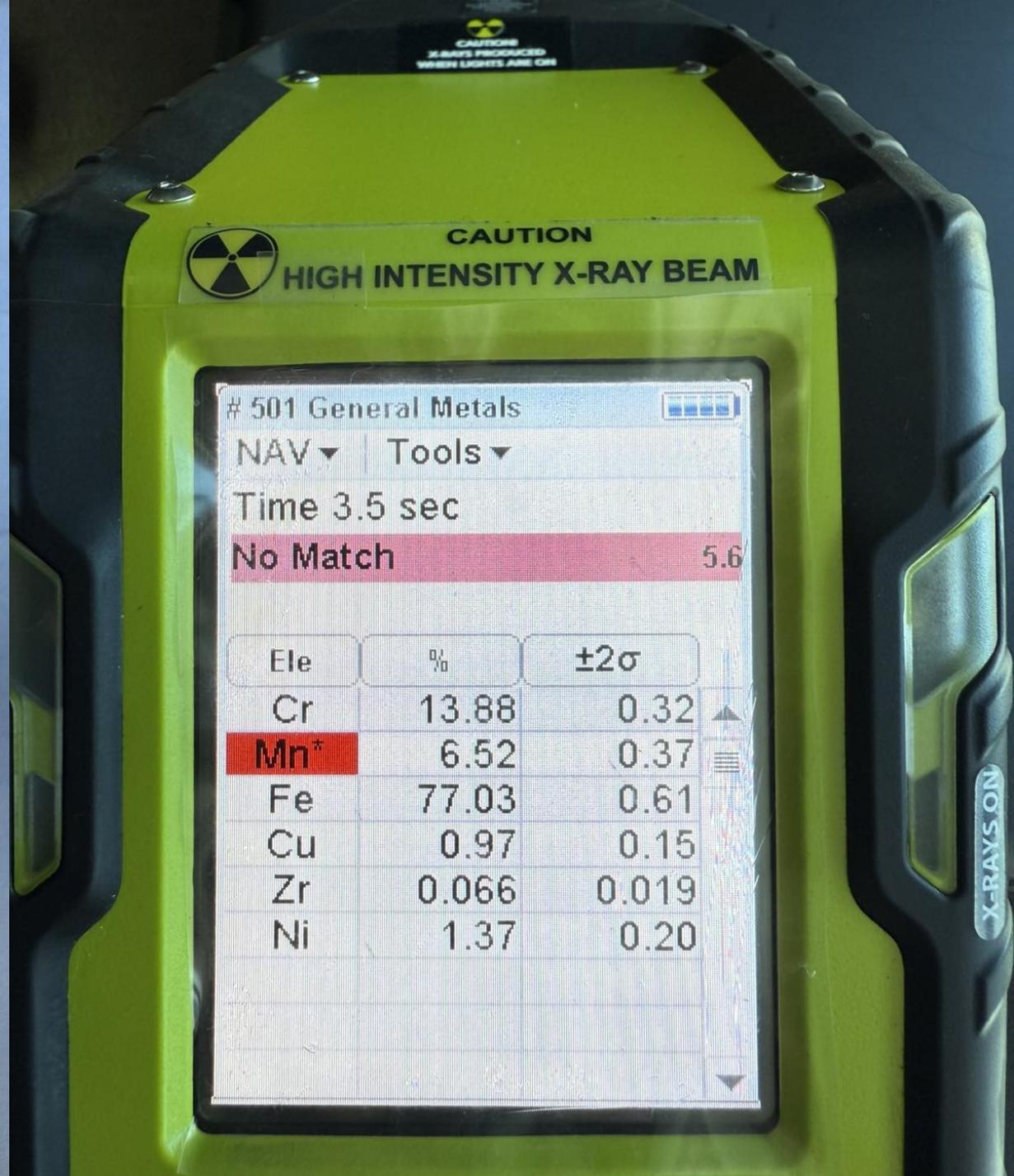


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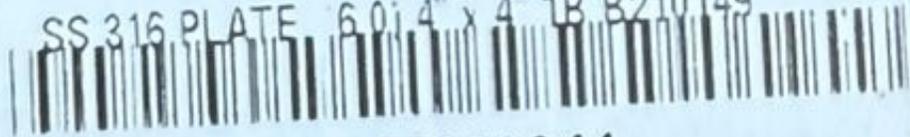
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SS 316 PLATE 6.014" x 4" 1B B210149

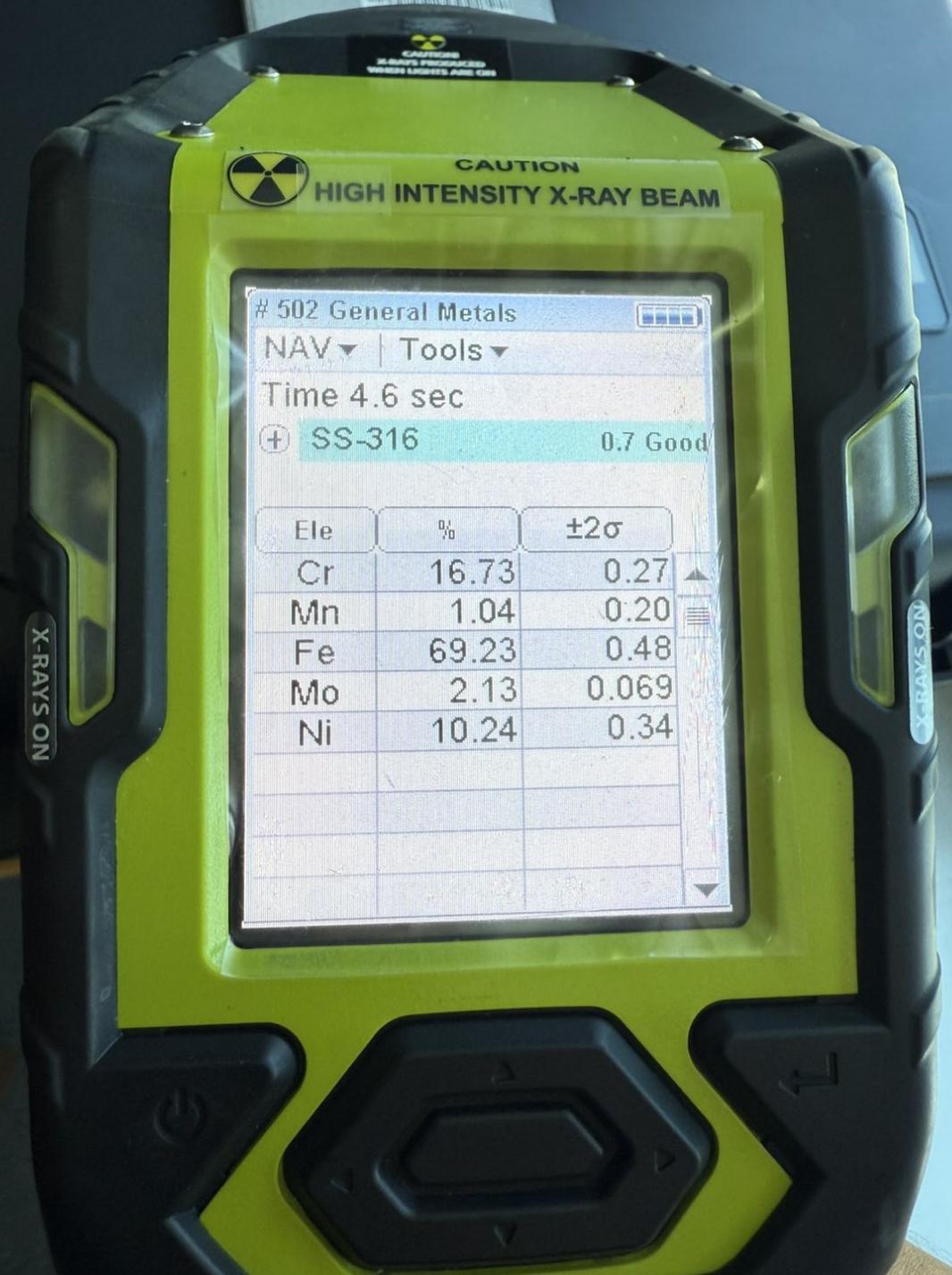


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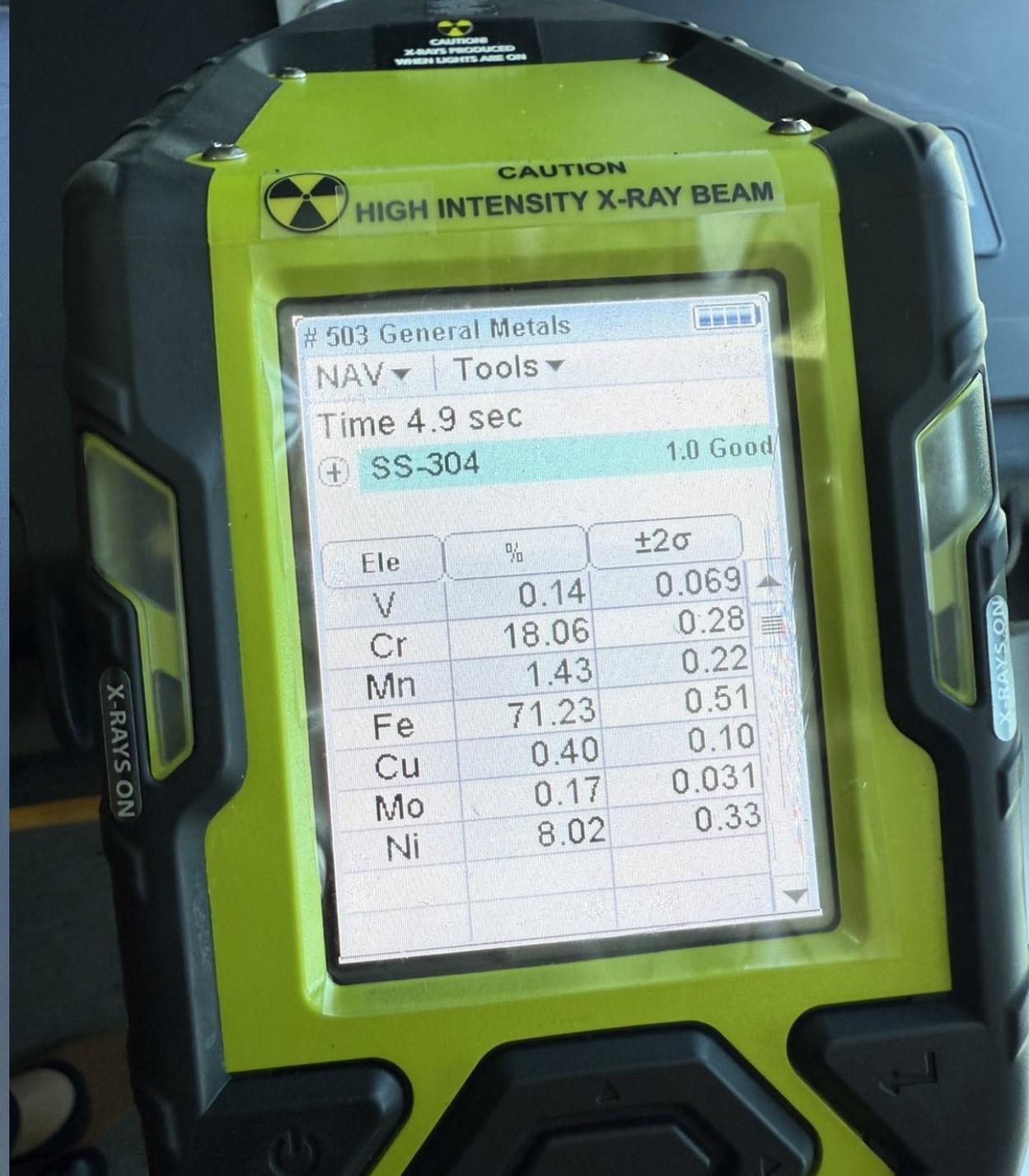
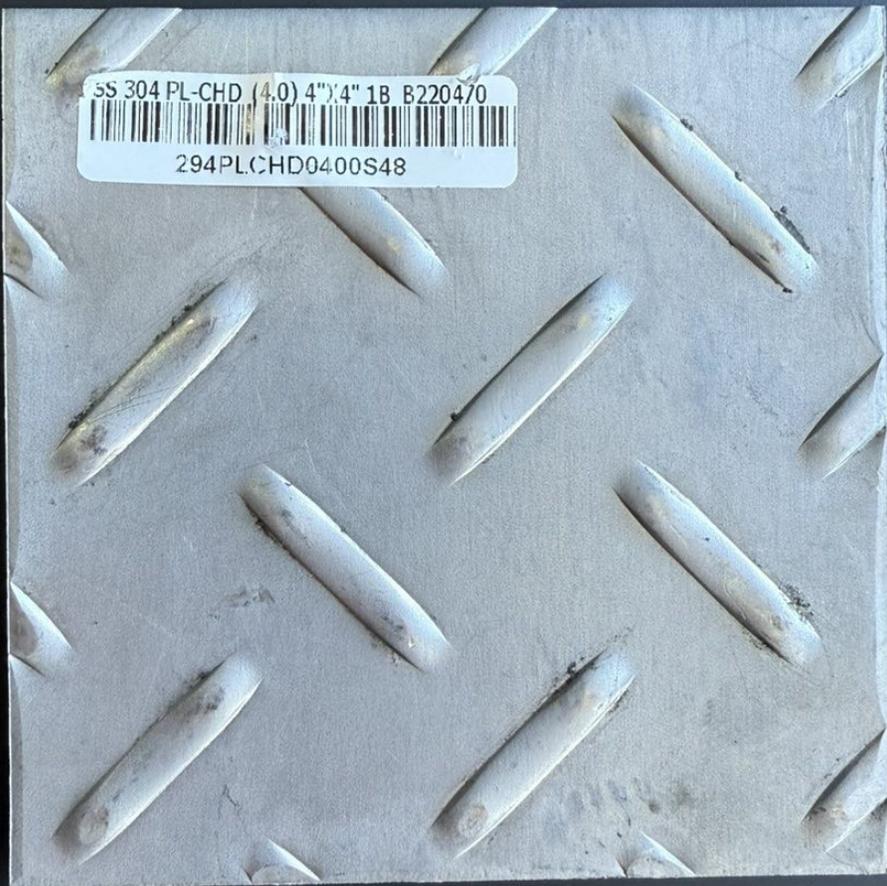
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SS 316 PLATE 6.014" x 4" 1B B210149
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PORTABLE XRF SPECTROMETER



TESTING WITH MAYNILAD

PORTABLE XRF SPECTROMETER & DIGITAL ULTRASONIC FLAW DETECTOR



TESTING WITH MAYNILAD & CHINA WATER ELECTRIC (CWE)



RELIABILITY



TWO YEARS LIMITED WARRANTY



LONG - TERM - PARTNERSHIP

**LOCK - IN PRICING
SCHEME**

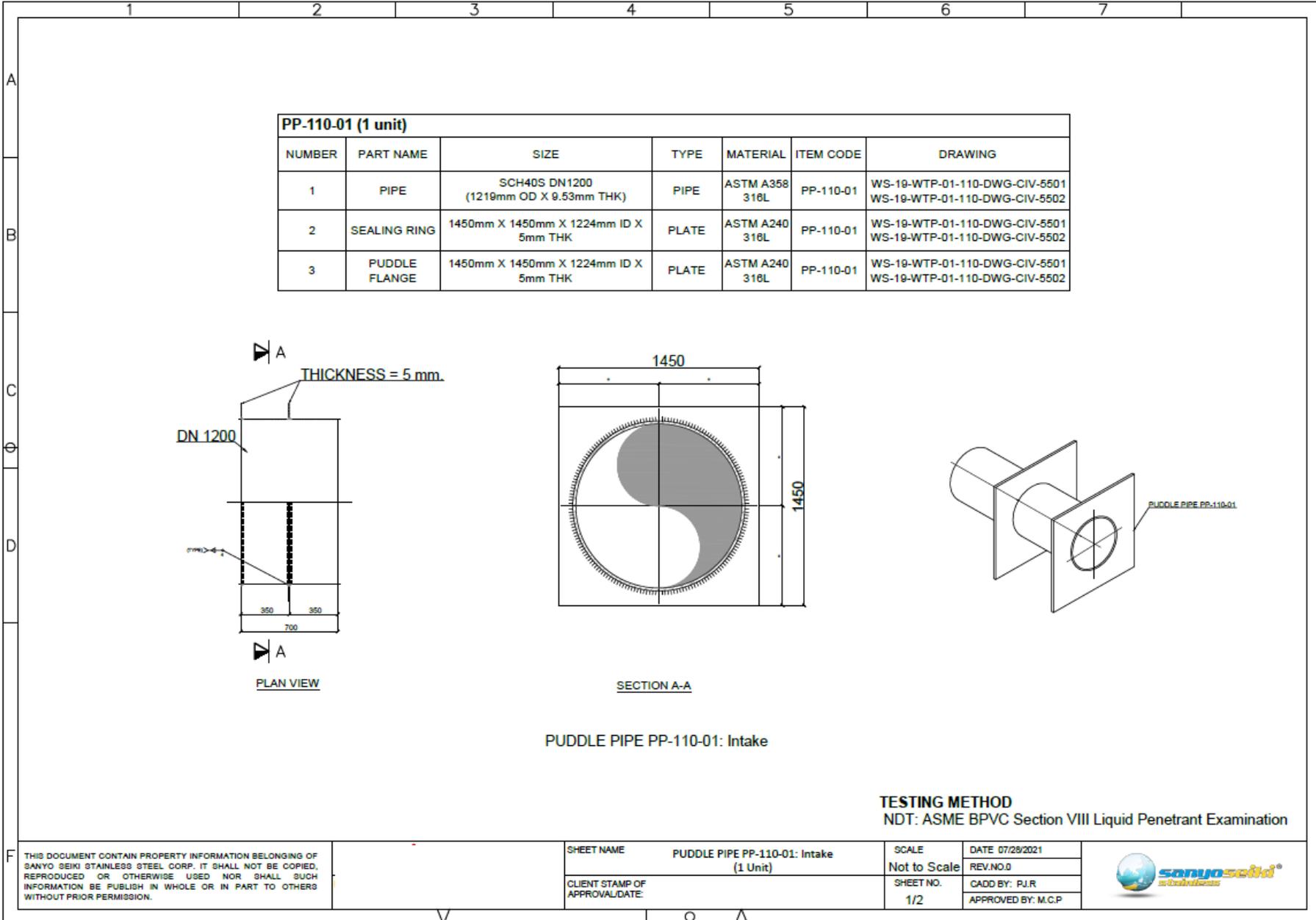




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LOGISTICS

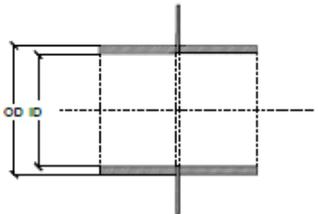


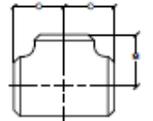


TOLERANCE DETAILS

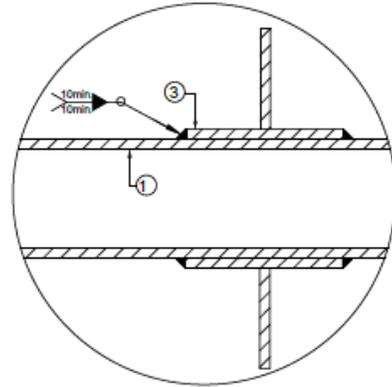
PIPE ASTM A312 / ASTM A999									
									
Quantity	DN #	Nominal Pipe Size (in)	Outside Diameter, OD (mm)		Wall Thickness (t)			Length, L (mm)	
			Nominal	Tolerance	#	Nominal (mm)	Tolerance (mm)	Nominal	Tolerance
2	1200	48	1219	-2.0/ +2.0	STD	9.53	8.33 - 11.67	2361	-0/ +3
1	1200	48	1219	-2.0/ +2.0	STD	9.53	8.33 - 11.67	3022	-0/ +3

SEALING RING ASTM A240					
					
Thickness, t (mm)		Outside Diameter, OD (mm)		Inside Diameter, ID (mm)	
Nominal	Permitted Tolerance	Nominal	Tolerance	Nominal	Tolerance
10	-0 / +2.25	1439	-1 / +3	1243	-1 / +1

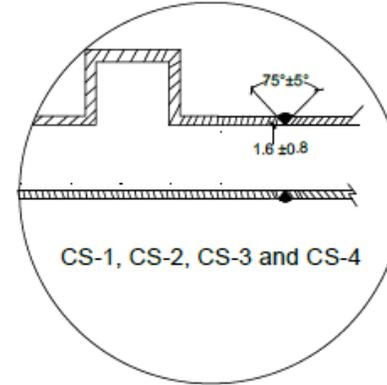
PIPE SLEEVE ASTM A312 / ASTM A999							
							
Wall Thickness, t (mm)		Outside Diameter, OD (mm)		Inside Diameter, ID (mm)		Length, L (mm)	
Nominal	Tolerance	Nominal	Tolerance	Nominal (mm)	Tolerance (mm)	Nominal	Tolerance
10	-0 / +2.25	1239	-2.0/ +2.0	1223	-2.0/ +2.0	700	-0/ +6
10	-0 / +2.25	1239	-2.0/ +2.0	1223	-2.0/ +2.0	850	-0/ +6

EQUAL TEE ASME B16.9									
									
DN #	Nominal Pipe Size (in)	Outside Diameter at Bevel (mm)		Center to End (mm)				Wall Thickness (mm)	
		Nominal	Tolerance	Run, C	Tolerance	Outlet, M	Tolerance	Nominal	Tolerance
1200	48	1219	-4.8/ +6.4	889	-5.0/ +5.0	838	-5.0/ +5.0	9.53	8.33 - 9.67

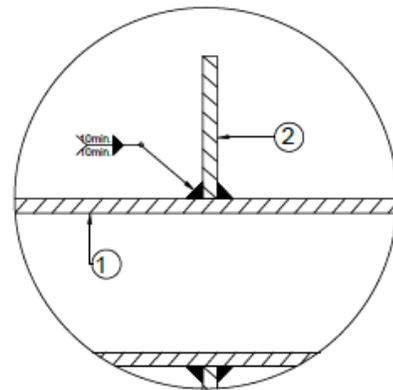
WELDING SPECIFICATION



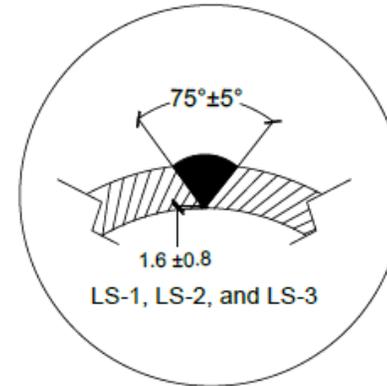
PIPE ① TO PIPE SLEEVE ③ WELDING DETAILS



TEE TO PIPE FULL PENETRATION BUTT-WELD
WELDING DETAILS



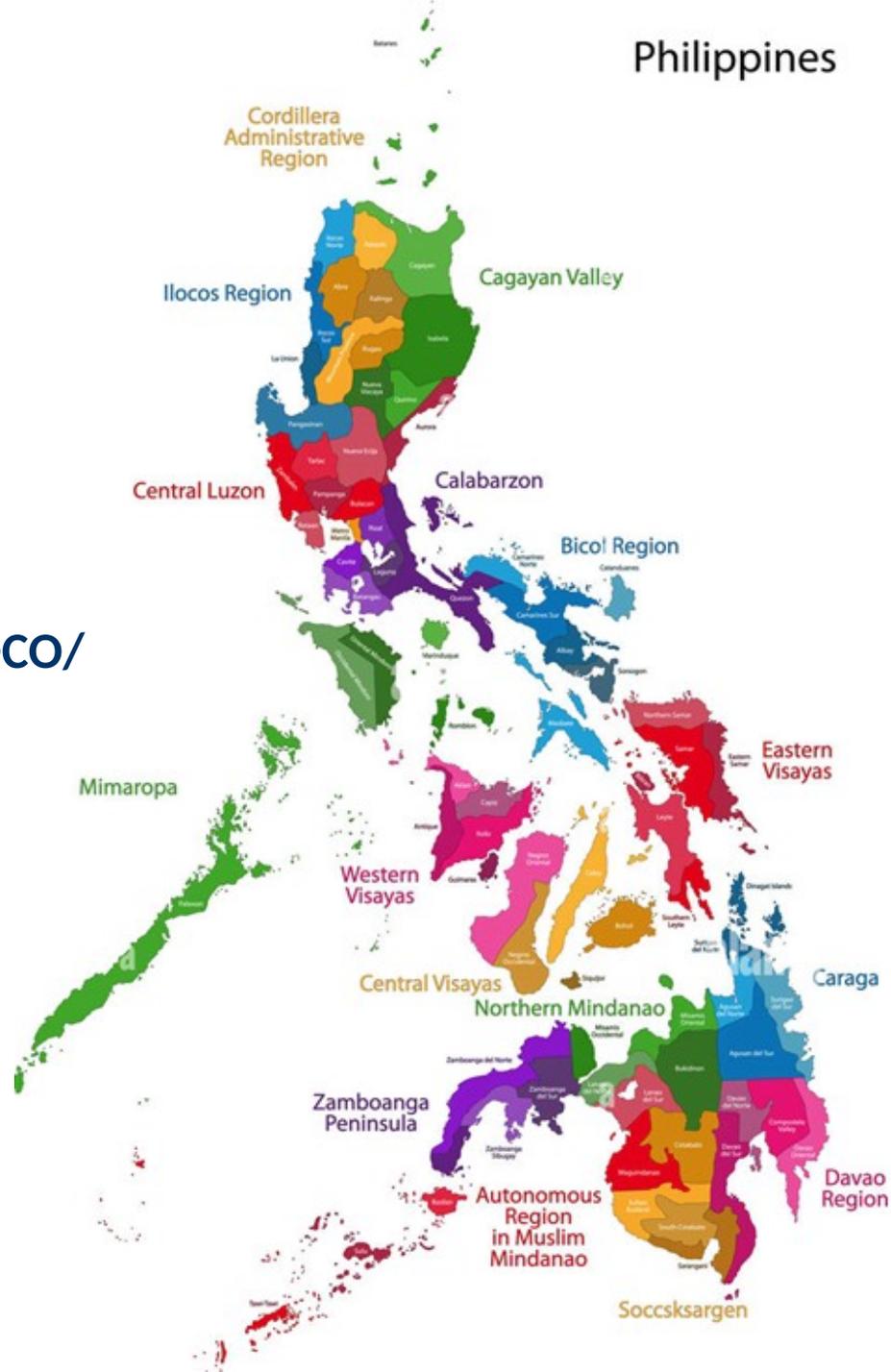
SEALING RING ② TO PIPE SLEEVE ③ WELDING DETAILS



FULL PENETRATION BUTT-WELD
WELDING DETAILS

- **Visayas**

- Victorias Milling Co.
- Universal Robina Co.- SONEDCO/
La Carlota/Passi
- Shemberg Biotech
- Wilmar Edible Oils
- Ricor Mills
- Samar Coco Products



Philippines

- **Luzon**

- Jaca Construction/Amkor
- Filtrum Phils.
- Acciona Agua
- Hilmarc's Construction
- Positif
- Megawide Construction
- DMCI Project
- Eagle Cement
- Hitachi Asia Ltd.
- PHPC Co. Ltd.
- Taikisha
- RAMCAR
- MetroPacific Water System

- **Mindanao**

- Del Monte Phils.
- Century Pacific Food
- Taganito Hpal Nickel
- JV Angeles
- Taikisha/Yakult
- Cagayan Corn Products
- Dole Phils.
- Lion Heart Corp.



JAPANESE CLIENTS



PHPC Co., Ltd. Inc.

 **KANDENKO Group**

HITACHI





COMPLETED PROJECTS

1. Acciona Agua- Maynilad 150MLD STP
2. Filtrum Phils.- Manila Water –QC STP
3. Bataan 2020- 64 units of tanks
4. Hitachi – Puddle Pipes & fittings – Maynilad MLD Pasay
5. CWE – Puddle Pipes for LaMesa Dam Rehabilitation
6. Unilever Phils.- Tanks & Sanitary Piping System
7. ENM Mechanical- NutriAsia Tanks
8. JMB Graphics & Advertisements Inc. – Tubes for railing SMX Cebu
9. Datem- Manila Water 230MLD WRF Eastbay
10. LinkEnergie- Maynilad 88MLD–WRF LasPinas Pipes, Fittings, Puddle Pipes

Completed Projects

Acciona Agua

Maynilad Water Treatment Plant

(Jan 2022-March.2023)

197 Units- 316L Stainless Steel for 150mld STP

Puddle Pipes



Completed Projects

Filtrum Phils.

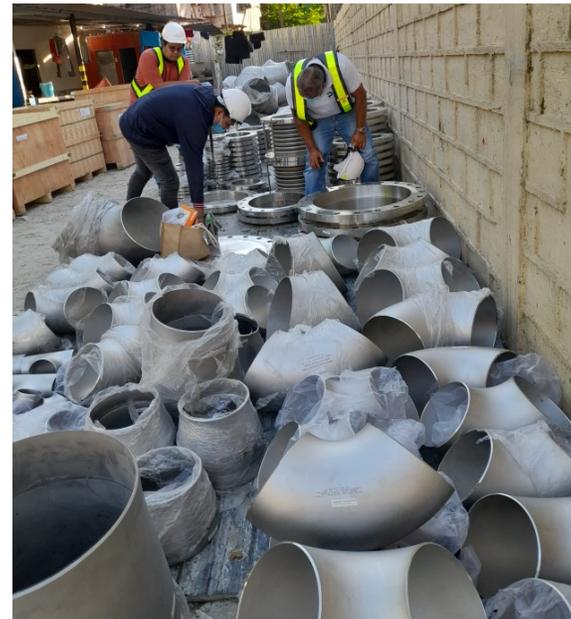
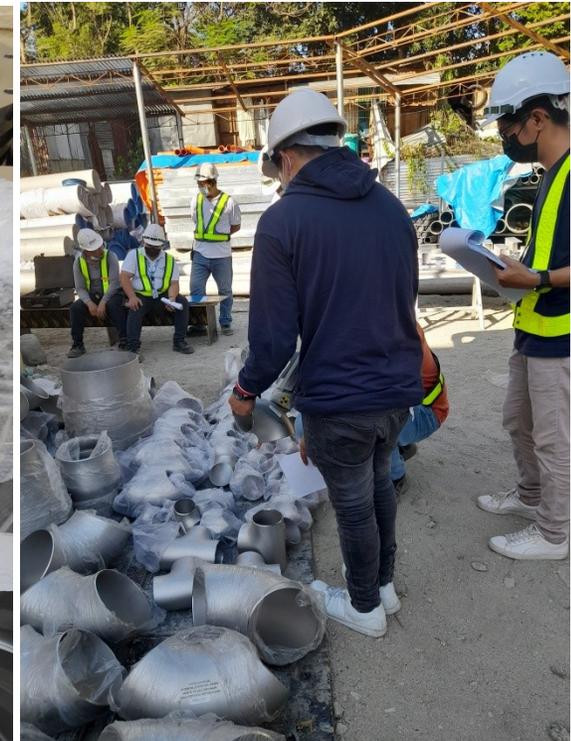
MWCI Water Treatment Plant

Quezon City

(February 2023)

316L Stainless Steel

Puddle Pipes & Fittings

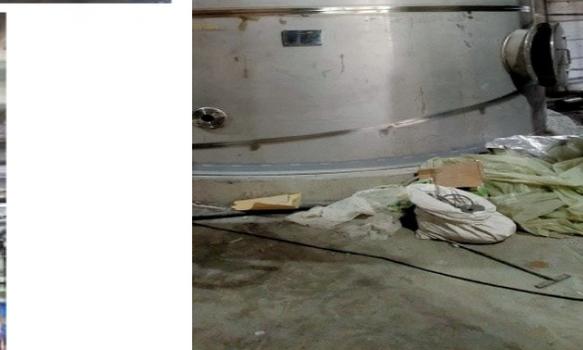


Completed Projects

Bataan 2020 Inc.

Pulp and Paper Industry
(June 2020-Jan. 2021)

64 Units- Stainless Steel
Tanks, Pipes & Fittings



Completed Projects

UNILIVER PHILS.

(July 2020 – September 2020)

Stainless Steel Tanks ,Pipes & Fittings



UNILEVER PHILS. BLENDING, HOLDING, & STORAGE TANKS

UNILEVER RFM ICE CREAM MECHANICAL PIPING SYSTEM

Completed Projects

ENM. – NURTI ASIA

316 Stainless Steel Coils & Plates for TANKS



Completed Projects

LinkEnergie Industries

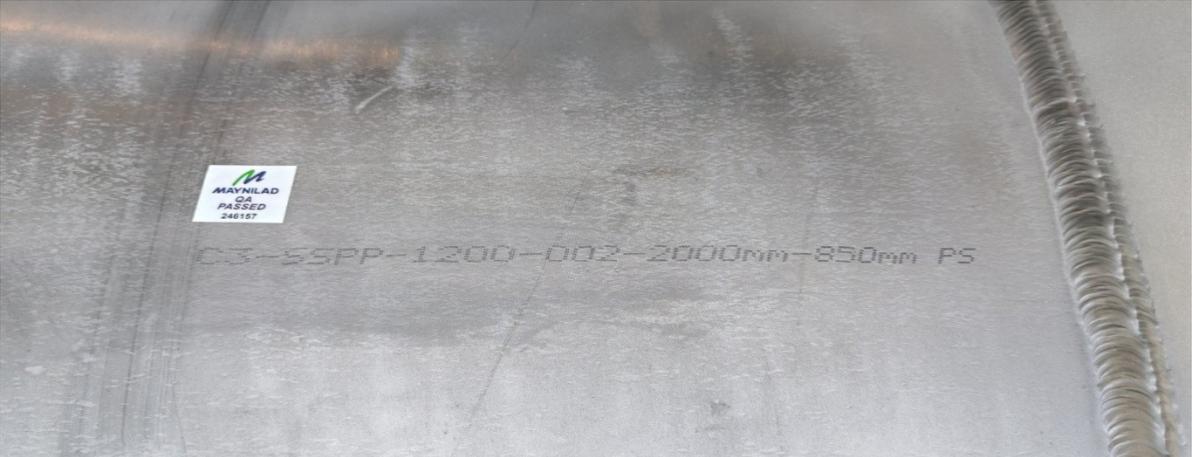
316 Stainless Steel Puddle
Pipes & Stainless Steel
Pipes & Fittings, Flanges



Completed Projects

China Water & Electric (CWE)

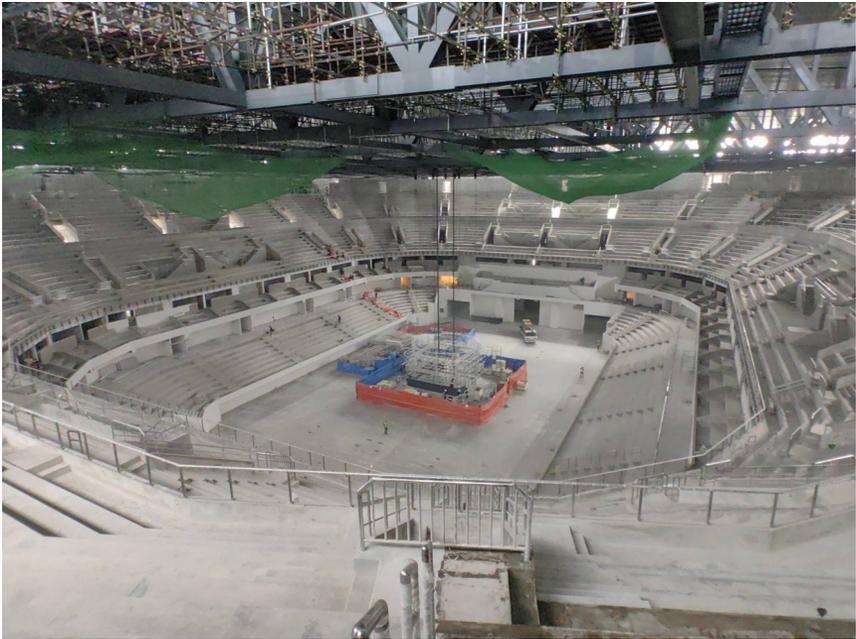
2 pcs 316 DN1200 Stainless Steel
Puddle Pipes for Maynilad La Mesa
Dam Rehabilitation



Completed Projects

JMB Graphics & Advertisements Inc.

Stainless Steel tubes used as railings in SMX convention center CEBU



Completed Projects

JFE

316 DN1200 FABRICATION OF STAINLESS STEEL
PUDDLE PIPES MAYNILAD CAMANA WRF



Completed Projects

TAIKISHA PHILIPPINES, INC.

SUPPLY OF 1170 UNITS OF STAINLESS STEEL
PIPES & FITTINGS





ONGOING PROJECTS

- 1. Hitachi Asia - Maynilad modular STP Pasay**
- 2. MetroPacific - Maynilad Ayala Alabang-WRF & Southvale**
- 3. CWE - Maynilad La mesa Dam Puddle Pipe Fabrication & Supply**
- 4. Lae Biscuit - Supply of SS for biscuit plant rehabilitation.**
- 5. Victoria's Milling - Supply of SS pipes for plant rehabilitation**



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Competitive Advantages



COMPETITIVE ADVANTAGES

● CUSTOMIZED PRODUCT

Cut to size and polished

(special cutting / bending to your desired size / shape)

(mechanical polished tube and pipes, inside & outside)

(Satin / Hairline polished sheet or plates)

Leads to: Cost saving in raw material , consumables, labor cost



COMPETITIVE ADVANTAGES

● ASSURED QUALITY

Positive Material Identification (PMI)

Dimensional & Visual Inspection

Leak test and Non-Destructive tests

Material strength & integrity testing (destructive)

Mill Certificate

Leads to: Peace of mind, Project integrity, Supplier Confidence.



COMPETITIVE ADVANTAGES

- PRE - FABRICATION

Tanks

Puddle Pipes

Pre-spooled pipe system

Sanitary system

Leads to: Time saving, cost saving in raw material , consumables, labor cost, etc.



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AFFILIATE MEMBER



**FEDERATION OF PHILIPPINE
INDUSTRIES, INC.**



PHILIPPINE IRON AND
STEEL INSTITUTE



Philippine
Constructors
Association



VENOR INFORMATION SERVICE



dun & bradstreet



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Thank you very much



STAINLESS STEEL PIPES, TUBES AND BARS



STAINLESS STEEL SHEETS & PLATES