

Company Profile



PT. AREZDA PURNAMA LOKA

*Pressure Vessels, Finned Tubes, Sealing Technology Products,
and Seamless Tubes Manufacturing*

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Arezda Manufacturing Divisions

Pressure Vessels



Finned Tubes (Extended Surface Tubing)



Sealing Technology Products & Jointing Sheets



Ferrous & Nonferrous Seamless Tubes



<INGI>® Products

*for the Petroleum / Oil & Gas, Petrochemical, Chemical,
Power, and other process industries*

“Quality is our Concern”

Branches/Reps./Agents : ■ Balikpapan ■ Balongan ■ Bandung ■ Bontang ■ Cilacap ■ Cilegon ■ Cirebon ■ Dumai
■ Gresik ■ Lhokseumawe ■ Medan ■ Palembang ■ Pangkalan Brandan ■ Pekan Baru ■ Semarang ■ Sorong-Irja ■ Surabaya

Being established in 1983, **Arezda** is one of the few truly Indonesia national companies pioneering and leading in the local manufacture of **EQUIPMENT & PARTS** for industrial use.

OUR SCOPE OF **PRODUCTION** INCLUDES:

- *Pressure Vessels,*
- *Extended Surface Tubing (Finned Tubes & Studded Tubes),*
- *Sealing Technology Products,*
- *Compressed Fiber Jointing Sheets,*
- *Ferrous & Nonferrous Seamless Tubes.*

We thank all of our **National** and **International Customers** for their continued trust and loyal support in using our **<INGI®> PRODUCTS**.

<INGI®> Local Content/TKDN (Tingkatan Kandungan Dalam Negeri): Here are

* Dirjen. MIGAS' Letters of Recommendation on the use of **<INGI®>** Products.

1. Letter No. **855/396/DMB/1997** on the use of **Heat Exchangers**
2. Letter No. **2422/396/DMB/1995** on the use of **Finned Tubes.**
3. Letter No. **285/396/DMB/1991** on the use of **Packing & Gaskets**

* **MIGAS**
Directorate General of Oil & Gas
Ministry of Energy and Mineral Resources



*"Maksimalisasi penggunaan produksi dalam negeri
mempercepat industrialisasi dan kemandirian bangsa,
sekaliigus mendukung program transfer teknologi."*

<INGI®>, <KL®>, <Kingi®>, <KINGI SIL®>
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of PT. Arezda Purnama Loka

Copies of any Legal Letters or Licences could possibly be given or the originals be shown if need be.



**5 Hectares of factory complex in Giteureup,
Bogor, West Java, Indonesia**

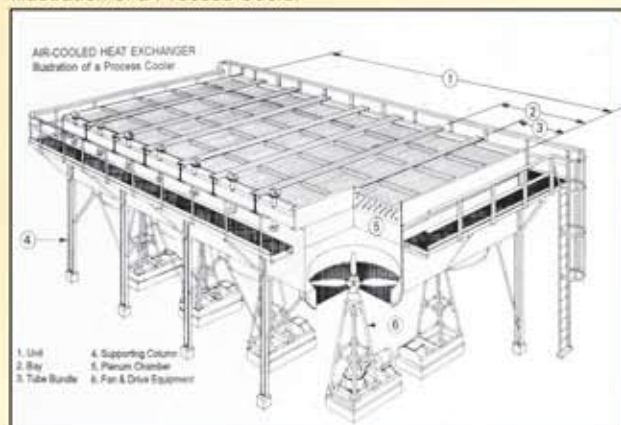
EXTENDED SURFACE TUBING (Finned Tubes)

Manufacturing Division

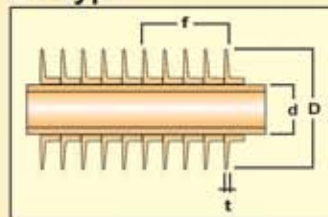
HELICALLY APPLIED & EXTRUDED FINNED TUBES



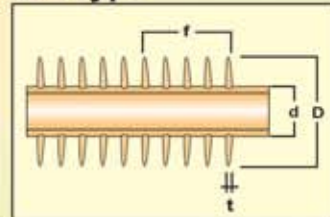
AIR-COOLED HEAT EXCHANGER
Illustration of a Process Cooler



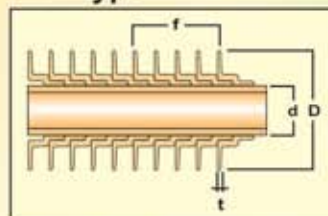
L - Type



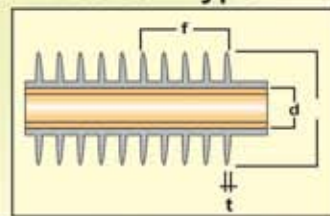
G - Type



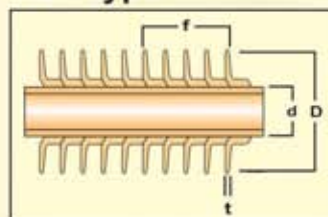
LL - Type



Extruded - Type



KL - Type



d = Diameter of Tube, D = O.D. of Finned Tube, f = Fins Per Inch, t = Fin Thickness

TYPICAL APPLICATIONS :

- Water Coolers/Heaters
- Overhead Condensers
- Oil Coolers/Heaters
- Steam Condensers
- Air Pre-Heaters
- Fin Fan Coolers
- Kiln Dryers
- Product Coolers : Gas/ Chemical/ Petrochemicals/ Oil, etc.

CONSTRUCTION :

Any Metallic Tube Materials and aluminium fins

MACHINE CAPACITY :

- Tube Length : Up to 60'
- Tube O.D. : 5/8" to 2"
- Fin Height : 1/4" to 1"
- Fins Per Inch : 5 to 13 FPI
- Fin Type : As Specified



HELICALLY WELDED FINNS

(High Frequency Electric Resistance Welded Fins)



Continuous Fin Welding Process

STUDED TUBES

(Electric Resistance Welded Studded Tubes/Pipes)

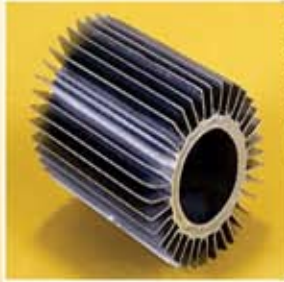


Stud Welding Process

OTHER TYPES OF FINNED TUBES

(made as per customer's specifications)

Longitudinal Finned Tubes



Oval Finned Tubes



Serrated Fins



Others



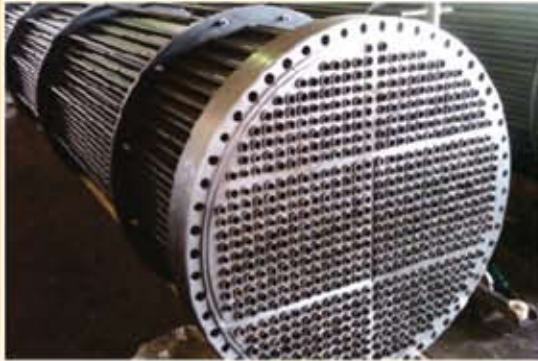
PRESSURE VESSELS

Manufacturing Division

Straight Tube Bundle

Preparation of Tube Sheet

Welding Process



U Tube Bundle

Skeleton of Tube Bundle

Machining



Fin Fan Cooler

Hydrostatic Test

Installation of Air-Cooled Heat Exchanger



Various activities in our workshop



SEALING TECHNOLOGY PRODUCTS

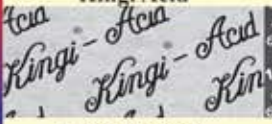
Manufacturing Division

METALLIC	RTJ Gaskets 	Flat / Corrugated Metal Gaskets 	Pall Ring 	etc.
	Gland Packing 	Industrial Insulation 	PTFE Gaskets 	etc.
	Spiral Wound Gaskets 	Flange Insulation Gaskets 	H.E. Gaskets 	etc.
NON-METALLIC				
METALLIC - NONMETALLIC				

Please specify your PACKING & GASKETS requirements to solicit our quotation.

COMPRESSED FIBER JOINTING SHEETS

Manufacturing Division

ASBESTOS SHEETS	Kingi Acid 	Kingi 100 	Kingi Oilet 	Kingi Universal 
	Kingi General 	Kingi 200 	Kingi 1000 	Kingi & KINGI SIL® are our registered trade marks.
NON-ASBESTOS SHEETS	KingiSil 8000 			
FLAT RING GASKETS				
	FF Type 	RF Type 		

Ferrous & Nonferrous SEAMLESS TUBES Manufacturing Division

Pressure Vessel Cold-Drawn Tubes for Oil & Gas Applications
ASTM / ASME Material Grade Standards



Carbon Steel
SA179
SA192
SA210

Ferritic / Austenitic Alloy Steel
SA213
T5 / T9 / T11 / T12 / T22
TP304 / TP304L / TP316 / TP316L / TP321 / TP347

SA268
TP410 / TP430

Copper / Copper Alloy
SB111
C44300 / C61400 / C68700 / C70600/C71500

Titanium
SB338
GR 2 / GR 7

Tube **OD 0.5" to 3"**, **Thickness 0.8 to 4.5 mm**, **Length up to 16 m** available with above tube specifications.
Special tube sizes available upon special request.

Our **quality assurance** and **product certification** is done through various tests, and inspections right at our own Workshop and Lab. Facilities covering NDT, Tests of Chemical and Mechanical Properties by means of various testing machines and equipment such as UTM (Universal Testing Machine), Hardness Tester, Spectrometer, Eddy Current Testing Machine, Surface Roughness Tester, Metallographic Inspection, PMI (Positive Material Identification), Hydrostatic Test, and other tests and inspections as per customer's requirements.

Customers of <INGI> Products vary from local to foreign companies, private and government-owned to multinational companies. It covers following Industry Market:

1. Pertamina State-Owned Oil & Gas Companies
2. Local/Foreign Oil & Gas Companies/Contractors
3. Petrochemical/Chemical Industries/ Contractors
4. Power Industries
5. Other Process Industries
6. Other Industries/Contractors

INDUSTRIES WE SERVE

Oil & Gas
Refineries

Oil & Gas
Exploration & Production

Chemical/Petrochemical
Industries

Power
Industries



WELCOME ...
and we are looking forward to serving you

Arezda Manufactured Product Lines

1. **PRESSURE VESSELS** Mfg. Div.

1.1. **HEAT EXCHANGERS**

- Shell & Tube Heat Exchangers
 - Straight Tube
 - U Tube
- Air-Cooled Heat Exchangers
 - Individual Type
 - Compact Type

1.2. **BOILERS**

- Client's Spec.



**Produksi Dalam Negeri
APDN / TKDN**

*Maksimalisasi penggunaan **Produksi Dalam Negeri**
mempercepat industrialisasi dan kemandirian bangsa
sekalius mendukung program transfer teknologi*

2. **EXTENDED SURFACE TUBING** Mfg. Div.

(FINNED TUBES for Heat Exchangers)

2.1. **HELICALLY APPLIED & EXTRUDED FINNS**

- L Type ■ G Type
- LL Type ■ Extruded Type
- KL* Type

2.2. **HIGH FREQUENCY ERW FINNS**

(HF-Electric Resistance Welded)

2.3. **ERW STUDDERED TUBES**

2.4. **OTHER TYPES OF FINNED TUBES**

- Longitudinal Fins
- Serrated Fins
- Oval Fins, etc.

PRODUCT CERTIFICATION:

*Material Certificate; Mill Certificate; Inspection Certificate;
Other Test Certificates; and/or other Certificates,
done "in-house" or by third party.*

SPECIAL ITEMS:

*Items not covered in our catalogues /
Nonstandard Special Items could be
manufactured upon special request*

<KL>®

**Registered Trade Mark*

3. **SEALING TECHNOLOGY PRODUCTS** Mfg. Div.

(Packing & Gaskets)

3.1. **METALLIC**

RTJ Gaskets (Ring Type Joint Gaskets)/Flat or Corrugated Metal Gaskets/Heat Exchanger Gaskets (H.E. Gaskets)/Diaphragm/Lip Seal Gaskets/Metal Rings/Serrated Gaskets/Aluminium Roll Jacketing-Non Layer, and the Banding Strips/Tube Plugs/ Pall Rings or Flexiring Packing or Metal Tower Random Packing/Column Trays or Column Internals/Metallic Expansion Joints/etc.

3.2. **NON METALLIC**

Gland Packing/Envelope Gaskets/Flat Rings/Tube Inserts or Tube Protectors/Tube Plugs/Graphite Laminate/Heat Exchanger Gaskets (H.E. Gaskets)/Super Seal Expanded PTFE Joint Sealant/Compressed Asbestos & Nonasbestos Fiber Jointing Sheets/Rubber & Neoprene Sheets/Carbon Mechanical Products (Packing-Rod Seal/Piston Rings/Rider Rings)/Graphite Foil/Calcium Silicate-Blocks & Pipe Covers/PTFE Products: Teflon Tapes, Sheets, Blocks, Rods, Pipes, Coating/Rockwool/Non-Metallic Expansion Joints/Various Insulation Products (Ceramic, Fiberglass, Calcium Silicate, Rockwool, PTFE/Teflon, Graphite, and Polyurethane are the common insulation products)/etc.

3.3. **METALLIC-NONMETALLIC**

SWG (Spiral Wound Gaskets)/Double-Jacketed Gaskets/Filled Corrugated Metal Gaskets/Solid Jacketed Gaskets/Heat Exchanger Gaskets (H.E. Gaskets)/Flange Insulation Kit Gaskets/Aluminium Roll Jacketing-With Layer/Wire-Inserted Compressed Asbestos & Nonasbestos Fiber Jointing Sheets/Steel Bestos/Power Bestos/etc.

A wide range of sealing items in
kinds, types, styles, sizes, materials, grades, and application
is available on the selection.

Solicit our Quote/Proposal for your SEALING SOLUTION

<INGI>®

*(Industri Gasket Indonesia)
Registered Trade Mark*

4. **COMPRESSED FIBER JOINTING SHEETS** Mfg. Div.

4.1. **ASBESTOSS**

- Kingi 200 ■ Kingi Universal
- Kingi Acid ■ Kingi 100 ■ Kingi 1000
- Kingi General ■ Kingi Oilet

4.2. **NONASBESTOSS**

- KINGI SIL 8000

<Kingi>®

<KINGI SIL>®

Registered Trade Marks

5. **SEAMLESS TUBES Ferrous & NonFerrous** Mfg. Div.

Pressure Vessel Cold-Drawn Tubes for Oil & Gas Applications ASTM / ASME Material Grade Standards

5.1. **Carbon Steel**

: SA179, SA192, SA210.

5.2. **Ferritic/Austenitic Alloy Steel**

: SA213: T5/T9/T11/T12/T22; TP304/TP304L/TP316/TP316L/TP321/TP347.
SA268: TP410/TP430.

5.3. **Copper/Copper Alloy**

: SB111: C44300/C61400/C68700/C70600/C71500.

5.4. **Titanium**

: SB338: GR2/GR7.

5.5. **Aluminium**

: Various.



<STI>® Registered Trade Mark

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<INGI>® Products

for the Petroleum/Oil & Gas, Petrochemical, Chemical, Power, and other Process Industries

*Established in 1983 **Arezda** is ISO 9001:2015 Certified and ASME U & R Stamps Accredited*



Let's see what we at **Arezda** do in creating community-based shared values in the so called **CSR**, corporate social responsibility.

<INGI>® PEDULI LINGKUNGAN *dalam beragam kegiatan sosial* <INGI>® *Care of Environment in various social services*

Pembangunan Sekolah

dalam rangka ikut mencerdaskan bangsa

Building of School

to participate in people education



Pembagian Sembako

dalam rangka berbagi kepada lingkungan

Distribution of basic needs

in sharing to the neighbourhood

Pembangunan Mushola dan Jalan Lingkungan

untuk masyarakat sekitar

Pemberdayaan Masyarakat dalam Budidaya Ikan Lele

Vitalization of local society in Lele fish farming



Kegiatan Bayi Sehat

dalam program pembagian susu bayi

Milk for infants in the Infant Health Program



PROGRAM BEASISWA DAN ORANGTUA ASUH BAGI SISWA CERDAS & KURANG MAMPU

Scholarship and Foster Parenting Program for talented, gifted, and needy students



Peninjauan kelas oleh Orangtua Asuh
Class visit by Foster Parents

Kegiatan belajar-mengajar di dalam kelas
Students' class-learning activities