



PT. PAMINDO TIGA T

Engineering and Manufacturing



COMPANY PROFILE



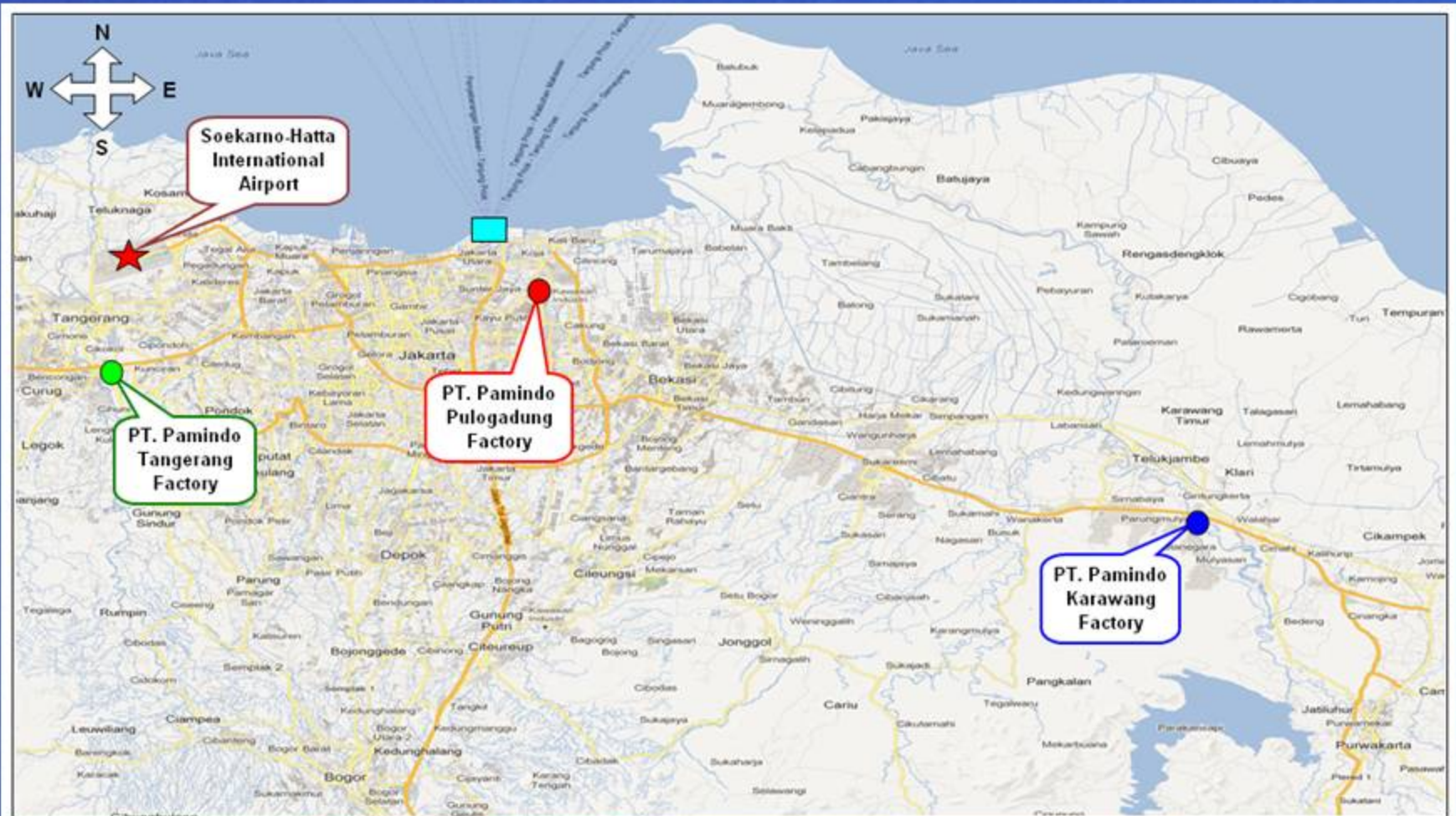
Company in Brief

1. Establishment of Company : 1975
2. Capital : US\$ 3,865,000
3. Share Holder :

H. E. Kowara Family	41.5%
Sunstar Investment PTE. LTD.	36.1%
PT. Teknik Umum	6.4%
Hillcrest Company Limited	6.3%
Maruka Group	9.7%



Mapping Company



Airport to Tangerang Factory :

- Distance : 20 Km
- Long Time : 1 Hour

Airport to Pulogadung Factory :

- Distance : 45 Km
- Long Time : 1.5 Hours

Airport to Karawang Factory :

- Distance : 95.5 Km
- Long Time : 3.5 Hours

Pulogadung to Karawang :

- Distance : 62.6 Km
- Long Time : 2.5 Hours

Tangerang to Karawang :

- Distance : 92 Km
- Long Time : 3 Hours



Company in Brief

Factories

Factory	Established	Land Area	Building Area
Tangerang	1975	21,810 m2	16,879 m2
Pulogadung	1981	22,750 m2	14,962 m2
Karawang	2014	51,000 m2	13,440 m2
Total Area		95,560 m2	45,281 m2

FEB, 2014



Company in Brief

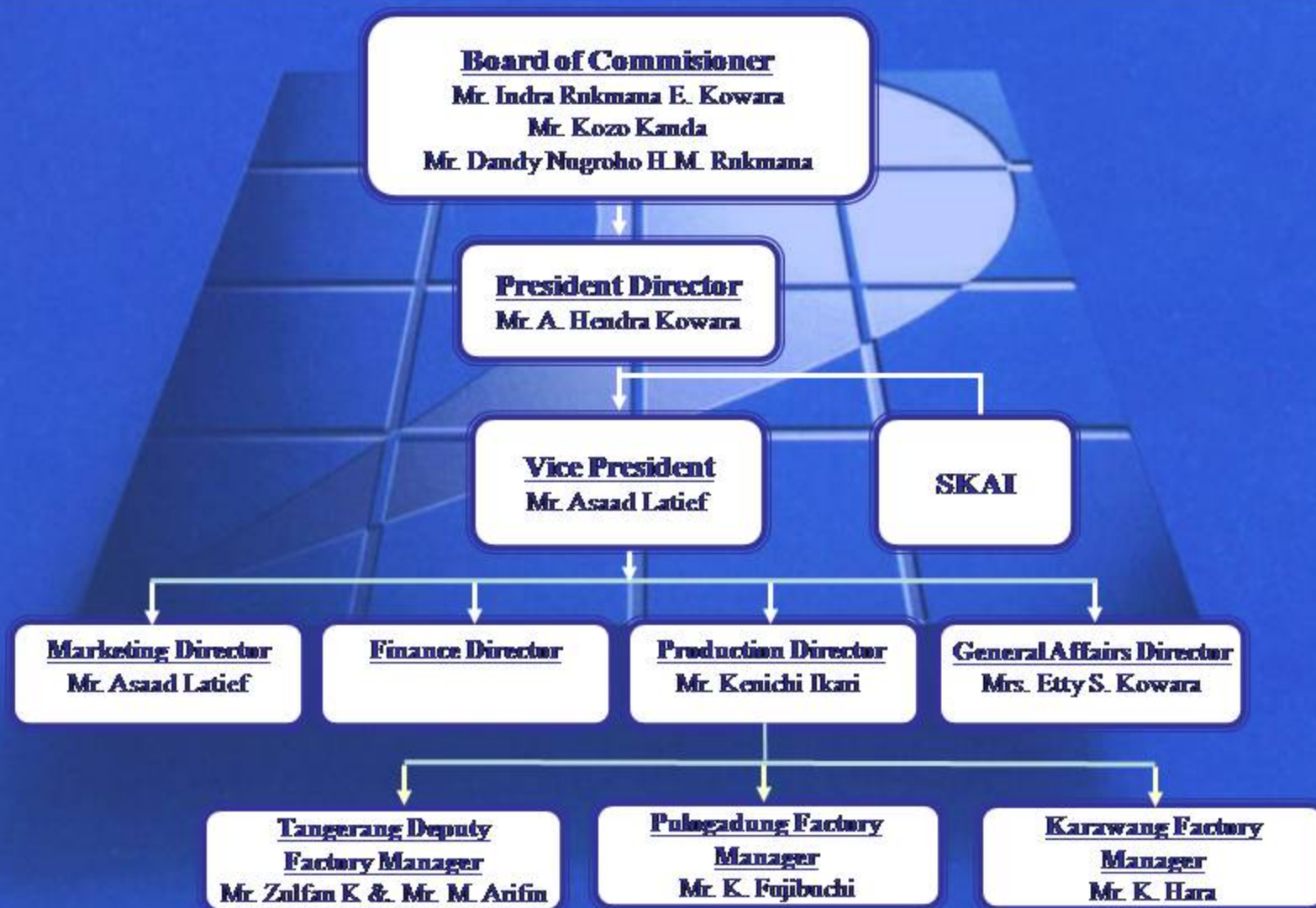
Man Power

Location	Japanese Employee	Local Employee	Total
Head Office	1	23	24
Tangerang	2	795	797
Pulogadung	2	687	689
Karawang	1	172	173
Grand Total	6	1677	1683

MAR, 2015



Organization Structure





Our Tangerang Location



Jl. M.H. Thamrin KM.7 Tangerang 15000
PO. BOX 141
Phone. 53122472 (Hunting) Fax. 53122482



Tangerang Factory Layout

TANGERANG FACTORY MAIN LAYOUT

Specializing in Motorcycle Components, along with Engineering and Machinery work



Land Area 21.810 M²
Building Area 16.879 M²

- | | | |
|---------------|-------------------|----------------------|
| A. Office | D. Press Die | G. Assembling |
| B. Steel Fab. | E. Machining Shop | H. Quality Assurance |
| C. Stamping | F. Design | |

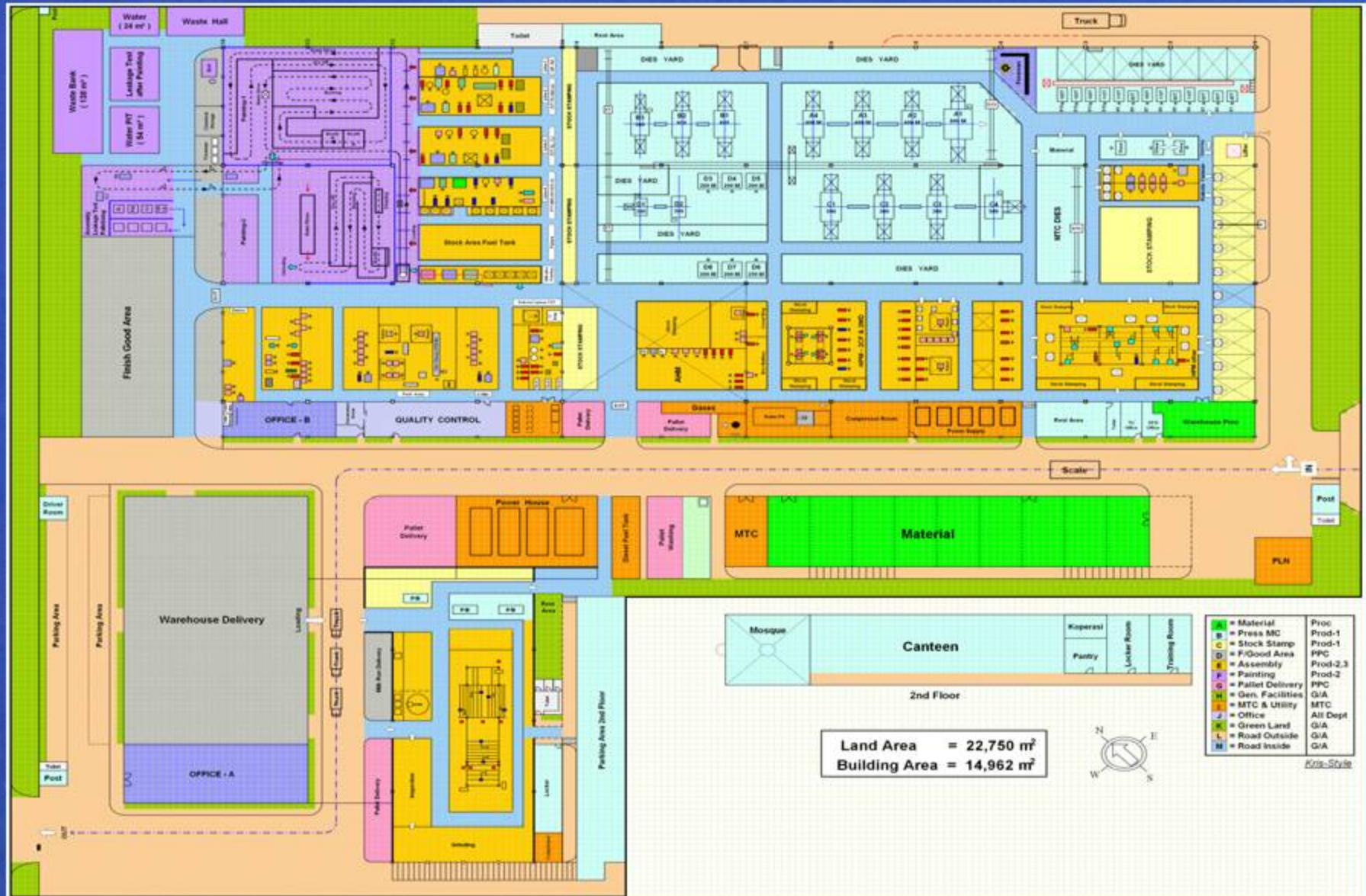
APPROVED	1. Sheng
CHECKED	2. Sheng
DESIGNED	3. Sheng
DATE	14 JANUARY 2005
BUILDING AREA	16.879 M ²
SCALE	1:500



Pur Pulogadung Location



Jl. Rawagatel KAV. 7-8,
Kawasan Industri Pulogadung Jakarta Timur
Phone. 4601928 (Hunting) Fax. 4605676





Karawang Factory Location



Jl. Mitra Raya II Blok F 7 & 8, Kawasan
Industri Mitra Karawang
Phone. (0267) 8638115 (Hunting)
Fax. (0267) 8638128



Mechanical Press Seyi

800-600-600-600 Ton





Mechanical Press Jier

600-400-400-400Ton





Middle Press and Portable Press = 10 Unit
(200 Tons x 4; 150 Tons x 2; 110 Tons x 4)





Portable Spot Welding = 20 Unit





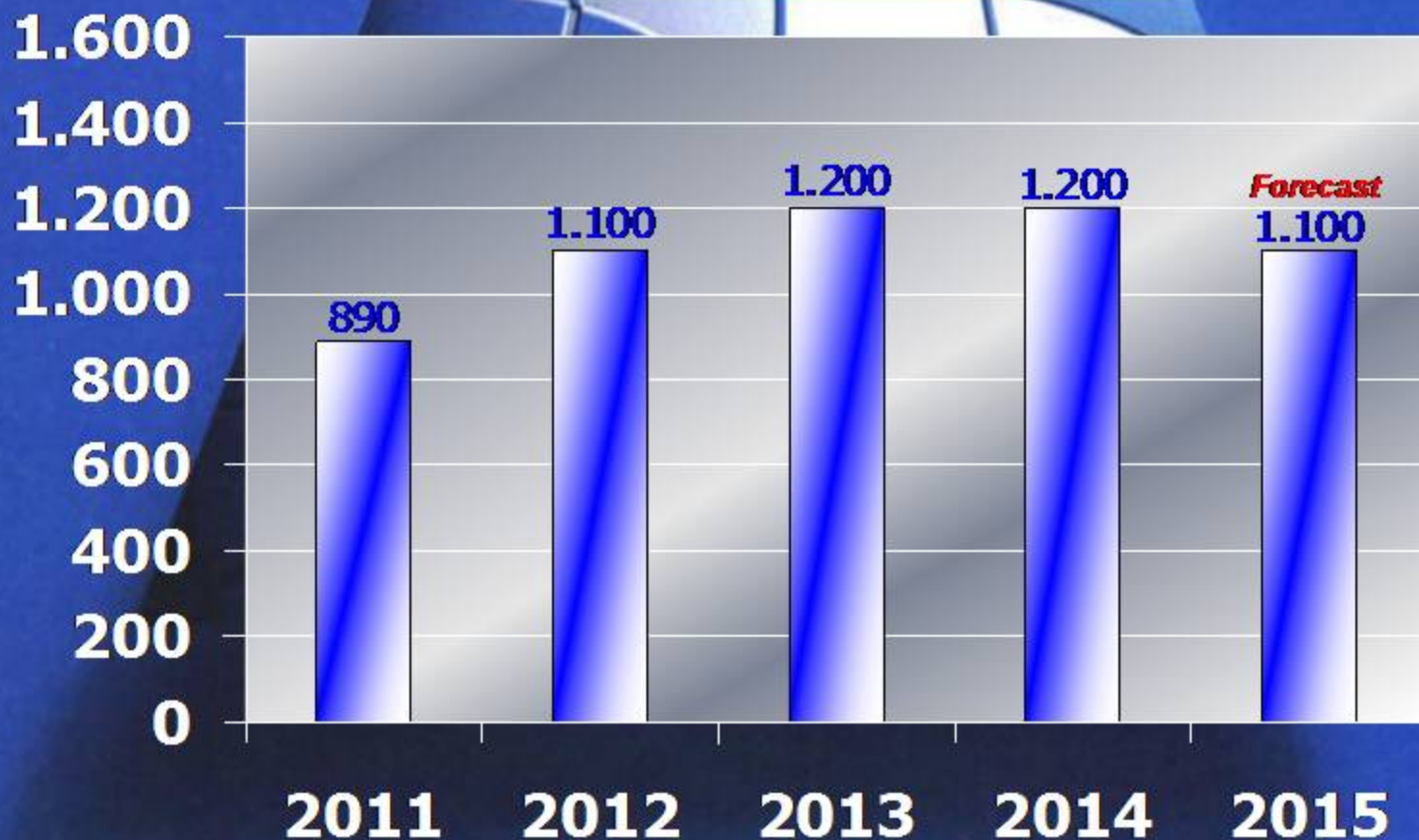
Stationary Spot Welding = 15 Unit





Automobile Sales Transition in Indonesia

(x 1000 Units)



Growth Ratio

23.5%

9%

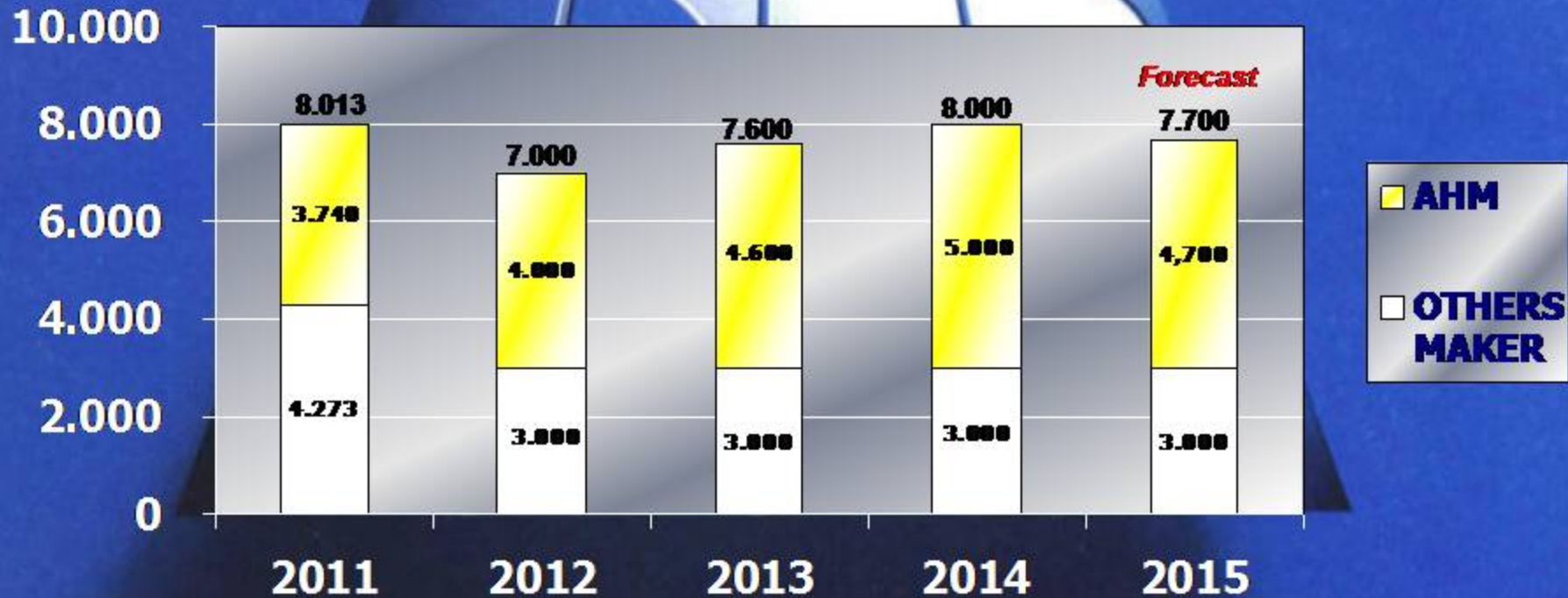
0%

-8.3%



Motorcycle Sales Transition in Indonesia

(x 1000 Units)



Growth Ratio

-12.6%

8.5%

5.3%

-3.7%



Diesel Engine Market in Indonesia

Yearly Market Sales

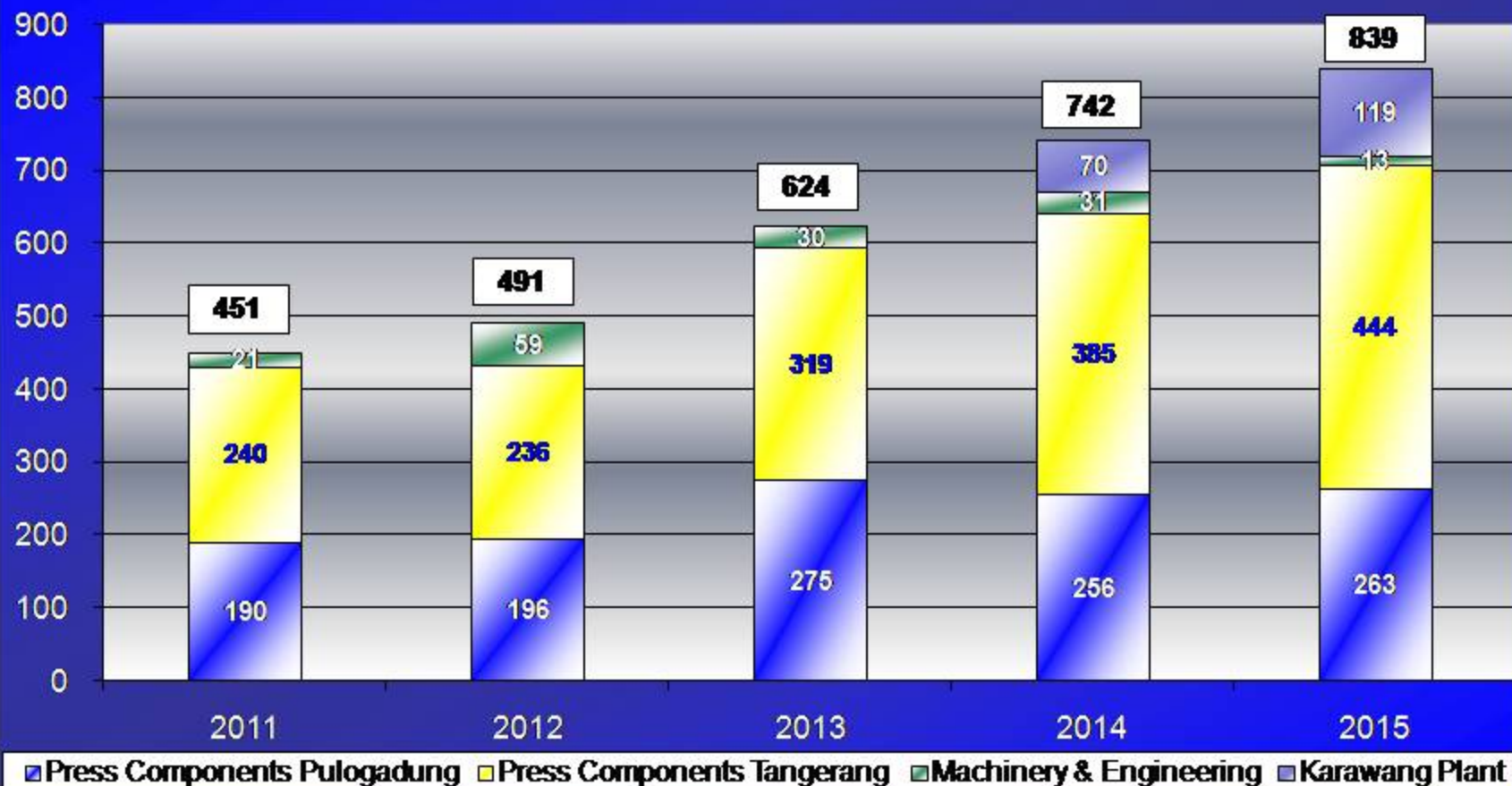
1. Domestic	160.000 Units/Year
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2. Import	200.000 Units/Year
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Total	360.000 Units/Year
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Pamindo Sales Transition



Business Contains

3. Engineering

- Maintenance & Overhaul for Plant

Engineering
3%

1. Press Part

1.1. Pipe Press

Main Frame



Sub Frame



1.2. Plate Press

Dash board under



Fuel Tank



Dies & Jig
15%

Press Part
82%

**PROPOSIONAL
OF BUSINESS**

2. Dies & Jig





Range of Products

❖ Automotive Component:

- Muffler
- Fuel Tank
- Engine Parts
- Chassis Parts
- Cabin Parts
- Etc.

❖ Motorcycle Component:

- Main Frame
- Fuel Tank
- Sub Frame
- Pivot
- Link Engine Hanger
- Etc.

❖ Diesel Engine Component:

- Fuel Tank
- Muffler
- Machine Parts

❖ Machinery and Engineering:

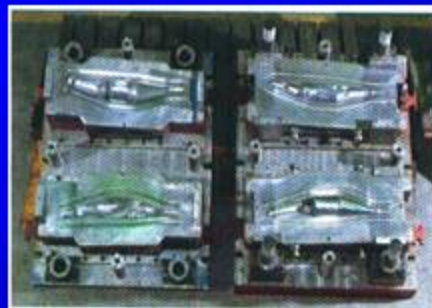
- Various Vehicles Press Dies
- Jigs and Fixtures
- Machine Parts
- Engineering and Industrial Maintenance
- Etc.





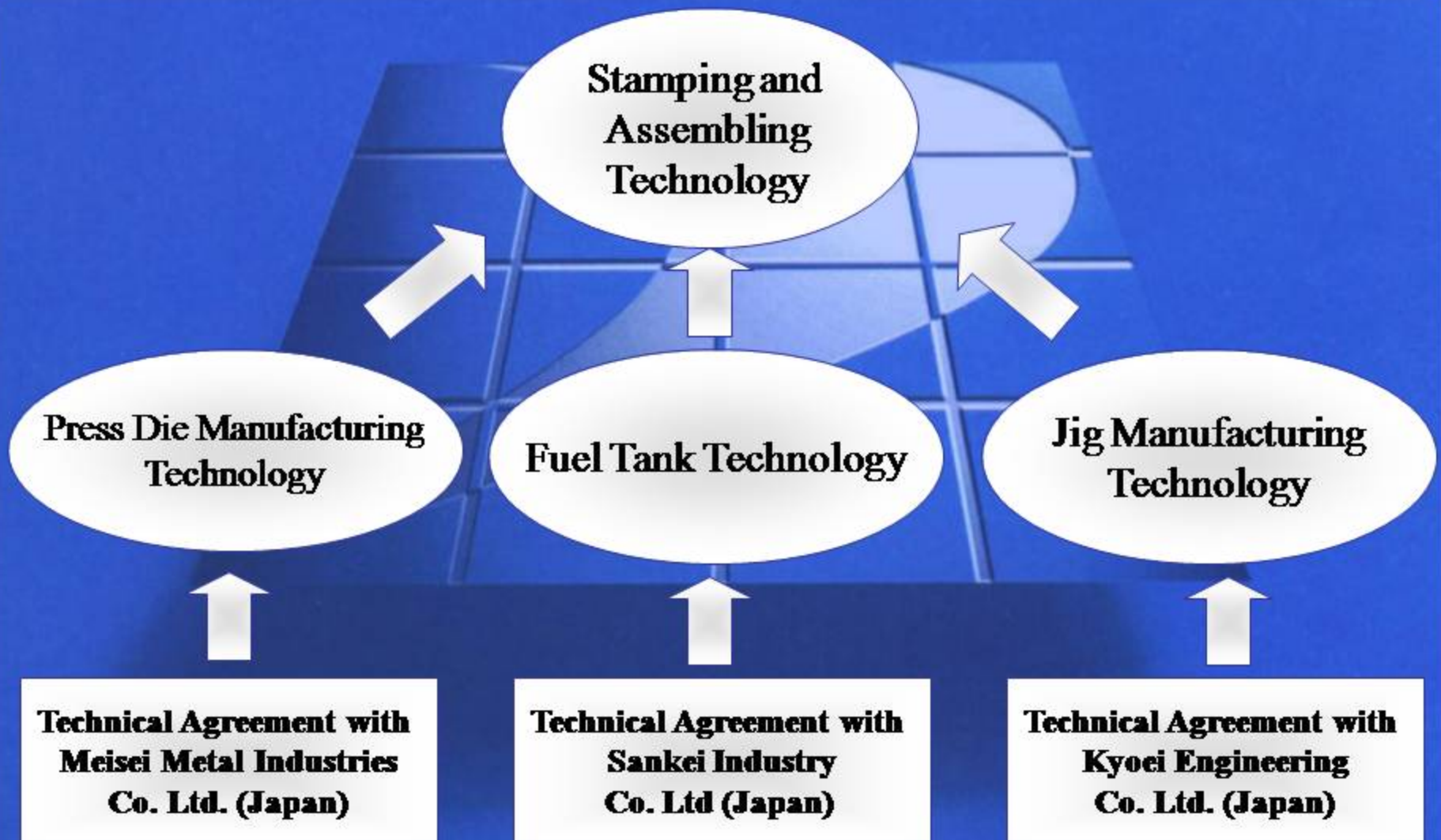
Customer List

- PT. Astra Honda Motor
- PT. Kawasaki Motor Indonesia
- PT. Honda Prospect Motor
- PT. Mitsubishi Kramayudha Motor
- PT. Astra Daihatsu Motor
- PT. Nusa Toyotetsu Corp.
- PT. Hino Motor Indonesia
- PT. Suzuki Indomobil Motor
- PT. Isuzu Astra Motor Indonesia
- PT. Denso Indonesia
- PT. Kubota Indonesia
- PT. Yanmar Diesel Indonesia
- PT. Tiffico
- PT. KAO Indonesia
- And many more...





Technology Chart



Press Die Manufacturing Process

Press Die Design



Our Press Die Design Team consists of leading operator for CAD/CAM with Unigraphics NX media software.

Man Power:	2-D	8 Persons (AutoCAD Mechanical 2014)
	3-D	1 Persons (AutoCAD Inventor)
	3-D	2 Persons (Unigraphics NX)
	3-D	1 Person (CAD Meister)



Press Die Manufacturing Capacity

❖ Output :

❖ Small Dies (< 150 Tons Dies)	34 Dies/Month
❖ Medium Dies (200 ~ 500 Tons Dies)	15 Dies/Month
❖ Large Dies (600 - 800 Tons Dies)	6 Dies/Month
❖ Checking Fixture (Medium)	16 Units/Month



❖ Machines :

- ❖ DNC (8 Units)
- ❖ Others (10 Units)

❖ Assembly 20 Manpower

❖ Press Trial Machines :

- ❖ 500 Tons (1 Unit)
- ❖ 200 Tons (1 Unit)

❖ QC and Inspection (6 Manpower)

- ❖ Lay Out Machine (3m x 6m)
- ❖ CMM SP600A (0.6 x 0.5m)
- ❖ Highgauge 1m, Theodolites
- ❖ 3D Dimentional FARO ARM PLATINUM 6 Feet

❖ Technical Support : Meisei Metal Industries Company Ltd. (Japan)



Press Die Manufacturing

DRAW



TR/PC & CAM PC



**TR/PC CAM-
TR/CAM PC**



BEND





Jig Manufacturing Process

Welding Jigs Design



The team handles a wide variety of design for Jigs.

Total Man Power :

2-D	4 Persons (AutoCAD Mechanical 2014)
3-D	1 Persons (AutoCAD Inventor)
3-D	1 Persons (Unigraphics NX)



Ag Manufacturing

Panel Comp. Fr & RR Inner No. 2 R/L Weld. Jig

PT. SIM





Jig Manufacturing

Jig Under Body Line D80N - ADM



November 2011



Ag Manufacturing

F-Series 700P - Isuzu





Ag Manufacturing

Honda Accord



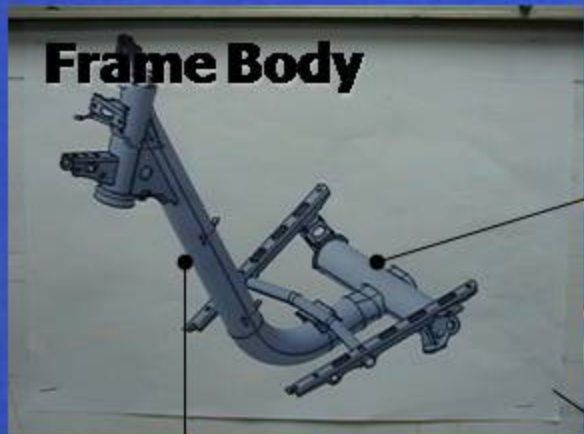


Press Process for Motorcycles



**Press Part Capacity :
233.000 Units / Month**

Press Parts Product For Motorcycle



Product Part Motor Cycle :

- Main Frame
- Sub Frame
- Pipe Lower Cross
- Link Eng. Hanger
- Pivot
- Fuel Tank





Press Process for Automobiles



Shearing



Press



Welding



Delivery



Warehouse



Inspection



Painting



Photos: Pulogadung Factory

Press Part Production

For Automobile



For Automobile



For Diesel Engine



For Motorcycle



Capacity :

Supply Item : 600 Items

Product Qt'y : 1,000,000 pcs/M

Press Capacity : 772,000 st/M



Quality Assurance

Quality Assurance



Layout machine
Model 16 E Tokyobuki



CMM SP 600A



Press Part Inspection & Jig Inspection

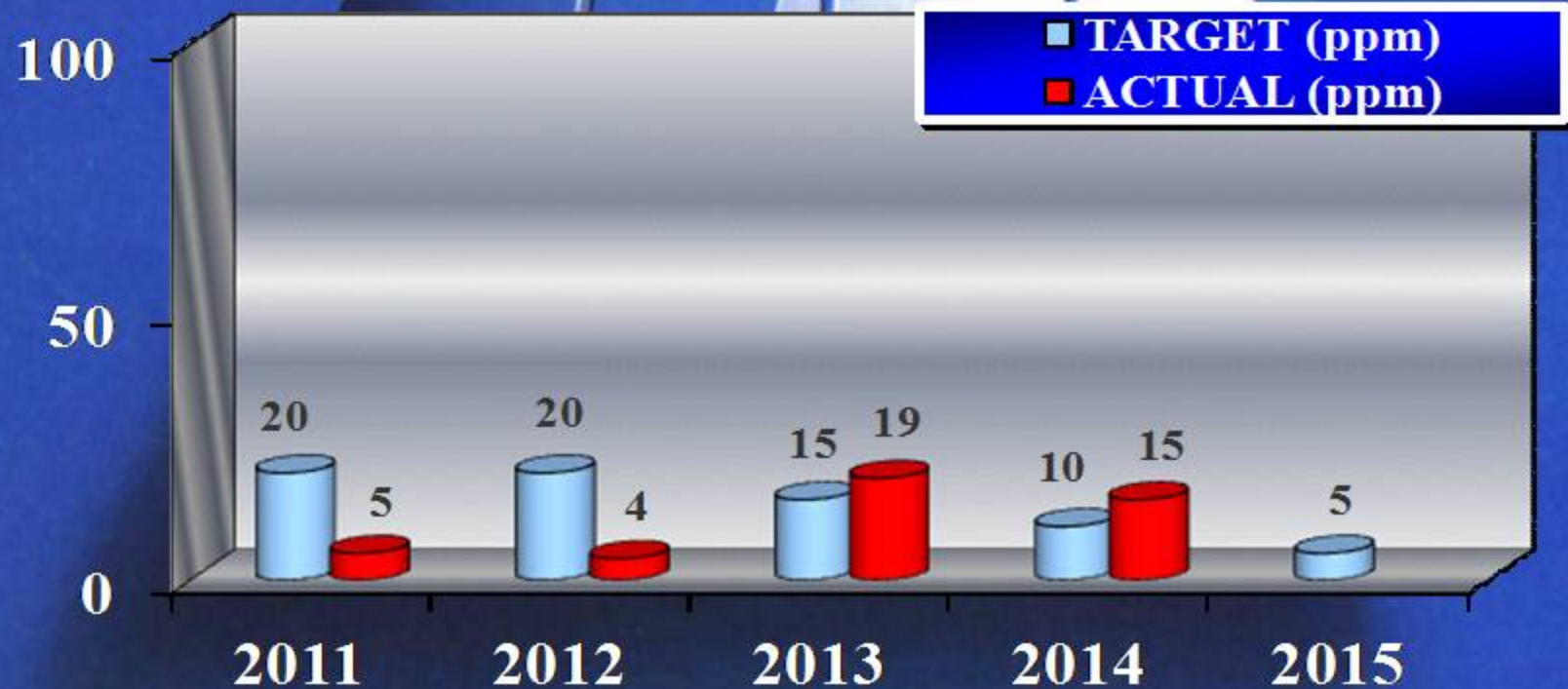


- ❖ *ISO 9001:2000 since 2003*
- ❖ *ISO/TS 16949:2002 since 2005*
- ❖ *ISO 14001:2004 End June 2009*
- ❖ *We practice both 100% Quality Inspection as well as Random Checking (Depending on the type of Product).*
- ❖ *Our Maximum Claim Target for Component Products is 40 ppm*



Quality Assurance

QUALITY PERFORMANCE TRANSITION





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Engineering and Manufacturing



Thank You