

# NE NUSANTARA ELECTRIC



# COMPANY PROFILE

[www.nusantaraelectric.com](http://www.nusantaraelectric.com)



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**Largest (EC & Alloy) Aluminium Rod  
Producer in Indonesia**

# About Us

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Nusantara Electric was established in 2008, our factory is located on a very strategic location in Tangerang, Banten, Indonesia.

We focus on the manufacturing of high quality aluminium rod to supply the power cable industries. Our products comply and exceed the needs of power cable latest standard; both International such as ASTM / IEC and National such as SPLN-D3 and SNI – Standar Nasional Indonesia.

Our consistency to provide the best product and best service to our loyal customer has gained us to be the best aluminium rod manufacturer in Indonesia.

# Vision

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Become a well known Aluminum Rod supplier in the world by prioritizing quality and customer satisfaction.

# Mission

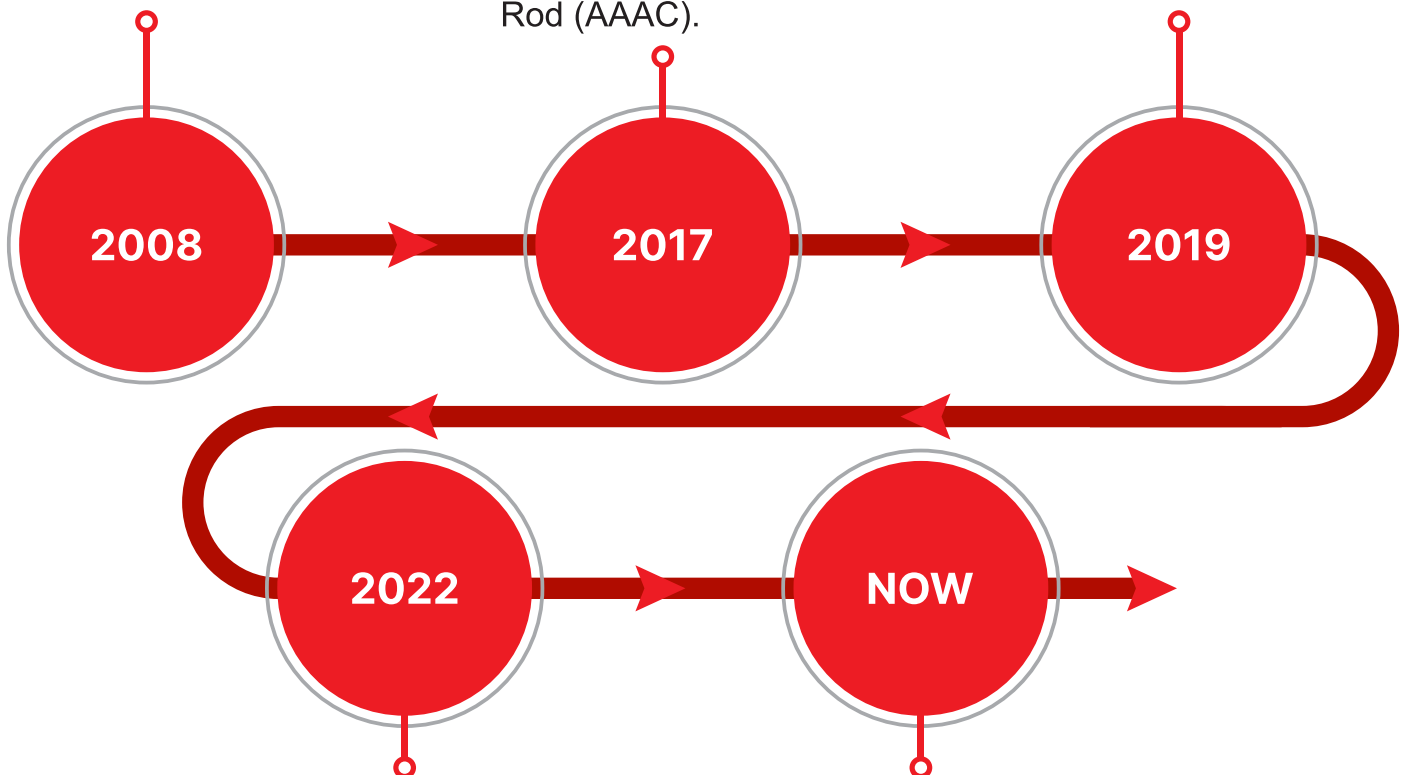
- To always produce the best aluminium rod quality to our customer.
- To always provide the best service to our customer.
- To always offer the best price to our customer.
- To always continuously improving our manufacturing standard using the latest technology.

# Company History

The company was first established as a local power cable manufacturer with products ranging from low voltage cable to bare overhead conductors.

Invested on second Aluminium CCR Line to support the growing demand from local market. During these year, we also gained reputation as the market leader in All Aluminium Alloy Rod (AAAC).

Added another Aluminium CCR Line, reaching a total capacity of 96.000 TPA (Tonnes per Annum), becoming the biggest aluminium rod manufacturer in Indonesia.



First Export to China, which is our key to open up to other countries until today. Until 2024, we've shipped 7000 MT Aluminium Rod to various country such as India, Romania, and Jordan.

We continue to strive to become a world-renowned Aluminium Rod supplier by prioritizing quality and customer satisfaction.



## Production & Capacity

- Furnace A = 2.000 MT/Month
- Furnace B = 2.000 MT/Month
- Furnace C = 2.000 MT/Month

30% for Internal Use | 70% for Commercial



# Certification



**ISO 9001:2015**  
**QUALITY MANAGEMENT SYSTEM**



**ISO 14001:2015**  
**ENVIRONMENTAL MANAGEMENT SYSTEM**



**ISO 45001:2018**  
**OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM**



**K3 Certificate**  
**OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT SYSTEM**



# Aluminium EC Rods



This specification include Aluminium Rod that will be used as a material for electrical conductor (EC GRADE) in the low and medium voltage cable.

## Specification

Designation	Tensile Strength	Conductivity at 20°C (Minimum)	Volume Resistivity at 20°C (Minimum)	Density	Purity
	Mpa	%IACS	Ohm.mm <sup>2</sup> /m	gr/cm	%
1350-O	59 – 97	61.80	0.027899	2.7	99.70%
1350-H12	83 – 117	61.50	0.028035	2.7	99.70%
1350-H14	103 – 138	61.40	0.028080	2.7	99.70%
1350-H16	117 – 150	61.30	0.028126	2.7	99.70%
1370-H12	83 – 117	61.50	0.028035	2.7	99.70%
1370-H14	103 – 138	61.40	0.028080	2.7	99.70%
1350-H12 1090	83 – 117	61.50	0.028035	2.7	99.90%

# Aluminium Alloy Rods

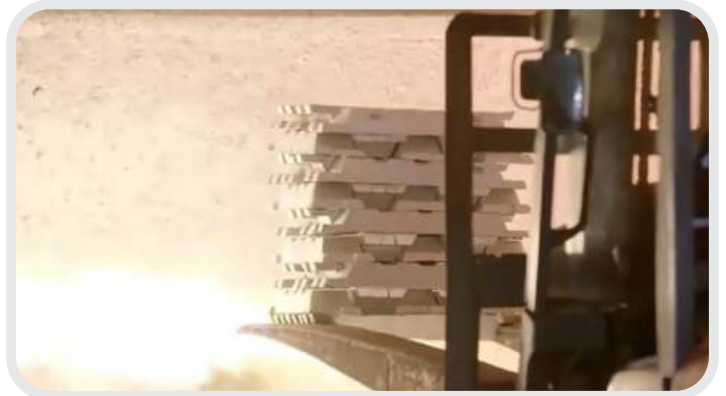
This specification include Aluminium Rod that will be used as a material for electrical conductor in the low and medium voltage cable.

## Specification

Designation	Tensile Strength	Conductivity at 20°C (Minimum)	Volume Resistivity at 20°C (Minimum)	Density	Purity
	Mpa	%IACS	Ohm.mm <sup>2</sup> /m	gr/cm	%
6201	157 – 186	51.50	0.033478	2.7	97.28
6101	157 – 186	52.50	0.032840	2.7	97.28
1120	160 – 186	58.84	0.029300	2.7	97.28
Al57	Min. 157	52.50	0.032840	2.7	97.28
Al59	160 – 190	54.00	0.031928	2.7	97.28
8176-O	59 – 111	62.00	0.027808	2.7	97.28
8176-H14	103 – 152	60.00	0.028735	2.7	97.28
8030-O	59 – 111	61.50	0.028735	2.7	97.28
8030-H14	103 – 152	59.50	0.028976	2.7	99.70%
3003-O	96 – 131	Upon Request			
3003-H16	Min. 165	Upon Request			







## “Largest (EC & Alloy) Aluminium Rod Producer in Indonesia”



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### PT NUSANTARA ELECTRIC

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