



# NAM KIM STEEL JOINT STOCK COMPANY QUALITY COMMITMENT

## INTRODUCTION

- 2002: Nam Kim Steel Joint Stock Company (Nam Kim Steel JSC) was officially established on 03/12/2002, the headquarters was located in D1 Boulevard, An Thanh Production Zone, Thuan An District, Binh Duong Province, Vietnam.
- 2009: Mr. Ho Minh Quang became General Director, and in this year, the total revenue of Nam Kim Steel JSC achieved over 1.000 billions VND.
- 2010: On 11/03/2010, Nam Kim Steel JSC held the groundbreaking ceremony to launch construction of Nam Kim 2 Steel Factory in Lot B2.2-B2.3, D3 Street, Dong An 2 Industrial Park, Hoa Phu Ward, Thu Dau Mot District, Binh Duong Province, Vietnam. The Nam Kim 2 Steel Factory had the total investment of 1.000 billions VND.
- 2011: Nam Kim Steel JSC officially listed on the HoSE Stock Exchange on 14/01/2011, for share NKG.
- 2012: Nam Kim 2 Steel Factory formally is active, raised the total capacity of Nam Kim Steel JSC over 400.000 tons/year, with major steel products: hot-dip galvanized steel NAKI ZINC (especially 1,5mm-4,0mm size), hot-dip 55% aluminium zinc alloy coated steel NAKI ZINCALUM, color coating steel NAKI COLOR, steel pipe NAKI PIPE and NAKI PURLIN.

The core business of Nam Kim are manufacturing and distributing galvalume steel (hot-dip 55% aluminium zinc alloy coated steel) sheet in coil, galvanized steel (hot-dip zinc coated steel) sheet in coil, color coated steel (pre-painted zinc-aluminium coated steel / pre-painted zinc coated steel) sheet in coil and industrial steel. These products are mainly applied in the field of industrial and civil construction, interior & exterior decoration and handicraft goods, electromechanics manufacturing, precision engineering and stamping steel products.

Nam Kim products are produced by state of the art technology & machine which were delivered and installed by POSCO Group (South Korea) and other large steel groups in the world, with the highest quality materials, which imported from industrialized countries.

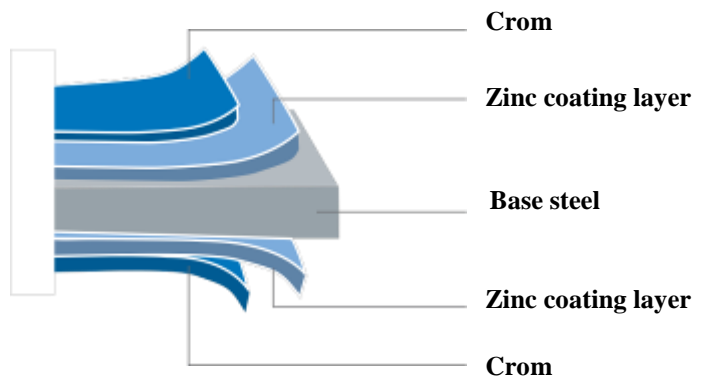
Beside, Nam Kim also invested 100% of the new steel coil processing line (Coil Center) and Nam Kim 2 Steel Factory with the most advanced technologies from developed countries in the world. This is a strategic business activity to meet the diverse increasing needs of market. Nam Kim Coil Center can cut steel coils into flat sheets and cut into smaller rolls as required with high accuracy. With 6 lines (2 Pickling lines, CRM, Hot GI line, Hot-dip Aluminium Zinc Coated line, Color Coating line), Nam Kim 2 Steel factory take the total capacity over 400,000 tons/year. Production procedure and product quality management of the Nam Kim are both strictly follow the standards of ISO 9001:2008 and ISO 14001:2004 accredited by ANAB and UKAS The United Kingdom certification.

Website: [www.namkingroup.vn](http://www.namkingroup.vn)

**NAKI ZINC-GI**



- Technology: **NOF**
- Standard: **JIS G 3302**
- Coating mass symbol: **Z60 ~ Z275**
- Base Metal Thickness: **0.18 ~ 1.2 (mm)**
- Width: **600 ~ 1250 (mm)**



**TABLE1: HOT-DIP ZINC COATED STEEL STANDARD - JIS G 3302**

<i>PROPERTIES</i>	<i>TEST</i>	<i>METHODS</i>	<i>NAM KIM STANDARDS</i>	<i>RESULTS</i>
Adhesion	T-bend test	ASTM D 4145	0-2T, scotch tape 3M	No Scale off
	Impact test	ASTM D 2794	1/2", 1000g x 500mm (min), scotch tape 3M	No Scale off
White rust resistance	Salt spray test	JIS Z 2371	72h	Apperance <5%
Hardness	Hardness test	ROCKWELL	By gauges, depending on classification	Soft: 35-65 HRB
				Hard: Min 85 HRB
Tensile Strength	Tensile test	JIS Z 2241	By gauges, depending on classification	Soft: 270-400 N/mm <sup>2</sup>
				Hard: Min 500 N/mm <sup>2</sup>

**TABLE2: ZINC COATING LINE - NOF TECHNOLOGY**

Capacity	150000 (ton/year)	Outer Dia	1800 (mm)
Technology	NOF (Non - Oxidising Furnance)	Coil weight	Max 10000 (kg)
Material	PO, CR	Inner Dia	508/610 (mm)
Thickness	0.18 - 1.2 (mm)	Width	600 - 1250 (mm)
Thickness	1.2 – 4.0 (mm)	Width	200 - 500 (mm)

**Advantages**

NOF Technology (Non-Oxidising Furnance) creates hot-dip zinc coated steel sheet in coils NAKI ZINC with:

- High quality products, anti-corrosion
- Zinc cover firmly on the surface and flatness higher than other galvanized zinc products on the market.

**Application:** Nam Kim Galvanised is mainly applied for civil construction as roofing, ceiling, lean-to, arris-gutter, water pipe and for some other applications of industrial components, electricity, home appliances and so on.

1.5 - 4.0 (mm)

