

# FY2021 1st Half Results(from April 1, 2021 to September 30, 2021) Supplementary Data

October 29, 2021  
NGK INSULATORS, LTD.

[After consolidation elimination]

□ July Announcement

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	FY2020 1 half		FY2021 1 half		YOY	FY2020 Year		FY2021 Year		YOY		
	Results	Ratio	Results	Ratio		Results	Ratio	Forecast	Ratio			
	¥ Bil.		¥ Bil.			¥ Bil.		¥ Bil.				
Net Sales	194.9	100%	250.0	250.2	100%	+28%	452.0	100%	515.0	515.0	100%	+14%
<Overseas Sales>	<136.2>	70%	<190.4>	<190.4>	76%	+40%	<324.5>	72%	<385.0>	<385.0>	75%	+19%
Operating Income (%)	11.6 (6%)		42.0 (18%)	45.9 (18%)		+297%	50.8 (11%)		80.0 (16%)	83.0 (16%)		+63%
Energy Infrastructure Business	19.1	10%	20.0	19.9	8%	+4%	42.0	9%	43.0	41.0	8%	-2%
Operating Income (%)	-2.3 (-)		-1.0 (-)	-0.9 (-)		-	-4.0 (-)		-2.0 (-)	-3.0 (-)		-
Ceramics Business	98.3	50%	152.0	147.6	59%	+50%	248.9	55%	310.0	300.0	58%	+21%
Operating Income (%)	6.6 (7%)		37.0 (25%)	36.8 (25%)		+454%	41.2 (17%)		68.0 (23%)	68.0 (23%)		+65%
Electronics Business	26.8	14%	23.0	25.7	10%	-4%	54.1	12%	47.0	52.0	10%	-4%
Operating Income (%)	0.6 (2%)		0.1 (12%)	3.0 (12%)		+365%	2.8 (5%)		3.0 (10%)	5.0 (10%)		+81%
Process Technology Business	50.7	26%	55.0	57.0	23%	+12%	107.0	24%	115.0	122.0	24%	+14%
Operating Income (%)	6.6 (13%)		5.0 (12%)	7.1 (12%)		+8%	10.9 (10%)		11.0 (11%)	13.0 (11%)		+20%

	Ratio		Ratio	YOY		Ratio		Ratio	YOY
Ordinary Income	12.2 (6%)	40.0	43.9 (18%)	+259%	53.0	79.0	82.0 (16%)	+55%	
Profit Attributable to Owners of Parent	7.3 (4%)	30.0	32.0 (13%)	+340%	38.5	58.0	60.0 (12%)	+56%	
ROE	-	-	-		7.9%	11.4%			
EPS	¥22.96	¥101.86	¥101.86		¥121.61	¥191.86			
Dividend (Dividend Payout Ratio)	¥10	¥30	¥30		¥30(24.7%)	60円(31.3%)			

FX Rate(¥/USD)	107	110	106	110
FX Rate(¥/EUR)	121	131	124	131

Capital Expenditures	29.0	15%	16.4	7%	-43%	50.8	11%	49.0	10%	-4%
Depreciation Costs	21.7	11%	24.1	10%	+11%	44.9	10%	50.0	10%	+11%
R&D Expenses	10.7	5%	10.8	4%	+1%	22.4	5%	24.0	5%	+7%

## Key points for the first six months: Sales and income for the 1st half hit a record high.\*

① Performance overview by business segment (sales/operating income)

【Energy Infrastructure】·· Sales increased, and the deficit was reduced.

• Insulators Weak domestic demand continued, but sales increased and recorded a surplus due to the effects of price revisions, expense reductions and other factors.

• Energy Storage Domestic and overseas shipments were at a low level.

【Ceramics】····· Increase in sales and income

• Automotive related Compared with the same period of last year when the business was sluggish due to the COVID-19 pandemic, sales and income for the 1st half achieved significant increase due to stronger sales of passenger cars and trucks.

【Electronics】····· Sales decreased, but income increased.

• Metal related Sales and income increased due to higher demand for in-vehicle products and others.

• Electric related Sales and income increased due to higher demand for package products against the backdrop of increased investments in mobile base stations in China.

(The effect of the exclusion of Soshin Electric Co., Ltd and its consolidated subsidiaries from consolidation: Sales -4.4 billion yen. Income +0.2 billion yen.)

【Process Technology】·· Increase in sales and income

• HPC \* Sales and income increased due to higher demand from strong foundry investment and others.

② Foreign Exchange: Sales +4.9 billion yen. Income +1.4 billion yen

In the same period last year ¥107 → current year ¥110/USD, ¥121 → ¥131/EUR

\* HPC···Ceramic for Semiconductor Manufacturing Equipment

\* Sales 228.2 billion yen (FY2018)  
Income 41.3 billion yen (FY2015)

## Key points of full-year outlook: Sales and income are expected to hit a record high.\* \*

\* Sales 463.5 billion yen (FY2018)  
Income 80.9 billion yen (FY2015)

① Performance overview by business segment (sales/operating income)

【Energy Infrastructure】·· Sales will decrease, but deficit is expected to be reduced.

• Insulators Although projects overseas are going to delay, the business will return to profitability due to improved sales prices and others.

• Energy Storage Shipments will decrease in Japan and overseas, and the deficit is expected to continue.

【Ceramics】····· Increase in sales and income

• Automotive related Sales and income are forecast to increase significantly due to the recovery in global sales of passenger cars and trucks.

【Electronics】····· Sales will decrease, but income will increase.

• Electric related Sales and income are expected to increase since Package product demand for crystal devices increase in addition to the higher demand for piezoceramic actuators for HDDs along with strong data center investments.

(The effect of the exclusion of Soshin Electric Co., Ltd and its consolidated subsidiaries from consolidation: Sales -6.9 billion yen. Income +0.1 billion yen.)

【Process Technology】·· Increase in sales and income

• HPC Sales and income are forecast to increase due to the higher demand against the backdrop of strong and continuous foundry investments and others.

• Industrial Process The demand for heating systems for lithium-ion battery materials will increase in China, and higher sales are expected.

② Foreign Exchange: Sales +9.9 billion yen, Income +4.2 billion yen

In the same period last year ¥106 → current year ¥110/USD, ¥124 → ¥131/EUR (Assumed exchange rates in 2nd half: ¥110/USD, ¥130/EUR)

• Amount affected by an exchange rate fluctuation by ¥1 in 2nd half  
USD(Sales 0.6 billion yen, Income 0.27 billion yen)  
EUR(Sales 0.3 billion yen, Income 20 million yen)

③ Extraordinary Income The 4.5 billion yen is to be recorded as subsidies for the capital expenditures made for production increase implemented in the past fiscal years.

④ Dividend Forecast Resolved to pay an interim dividend of 30 yen. Scheduled to pay a year-end dividend of 60 yen, which is the highest dividend.