TOKYO OHKA KOGYO CO., LTD. **Business Results**

— The 1st Half of Fiscal Year ending March 2017—

November 8, 2016

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Consolidated Business Results for the 1st Half of FY2017

Summary

(Millions of yen)

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	FY2016/1H		FY2017/1H		
			Change	%	
Net sales	44,805	42,897	(1,908)	(4.3)	
Operating income	7,271	5,383	(1,887)	(26.0)	
Ordinary income	7,441	4,803	(2,638)	(35.4)	
Profit attributable to owners of parent	4,898	3,303	(1,595)	(32.6)	

- Average exchange rate (US\$): ¥120.8/\$ (FY2016/1H) ⇒ ¥103.8/\$ (FY2017/1H)
- Net Sales: Decreased due to impact of yen's appreciation in addition to decline in high purity chemicals sales.
- Operating Income: Decreased 26.0% due to yen's appreciation despite largely exceeding the initial forecast (on May 10, 2016.)
- Ordinary Income: Decreased 35.4% due to an increase in foreign exchange loss.



Non-operating expenses or incomee/Extraordinary losses or income

(Millions of yen)

	FY2016/1H	FY2017/1H	YoY
Non-operating expenses or income	170	(579)	(750)
Interest and dividend income	+157	+130	(26)
(Difference profit and loss to exchange)	(△94)	(△891)	(△797)
Exchange gain and loss	(37)	(1,427)	(1,389)
Derivative appraisal profit or loss	(57)	+535	+592
Preparation expenses	(85)	_	+85
Extraordinary losses or income	(57)	162	+220
Gain on sale of investment securities	0	+265	+265
Impairment loss	(51)	_	+51
Losses due to disasters	-	(91)	(91)



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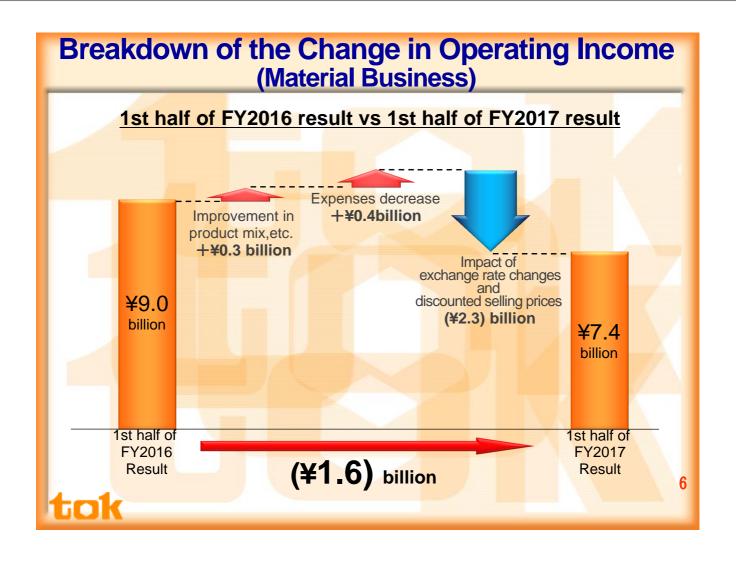
Results by Business Segment

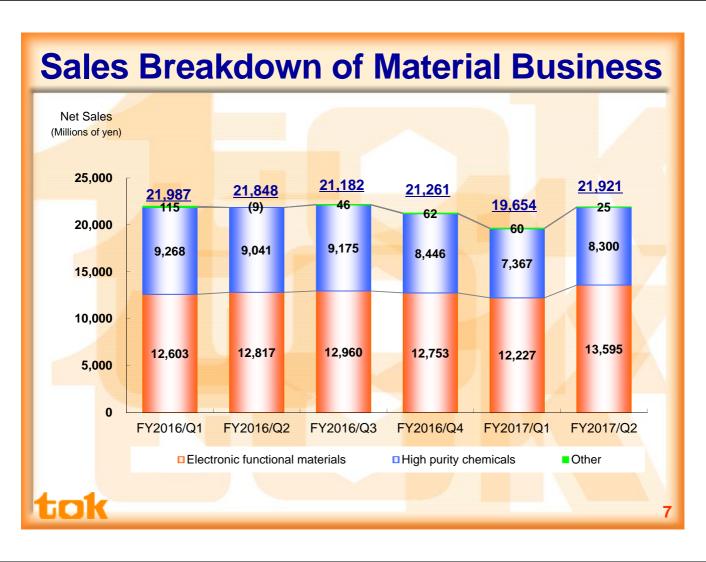
(Millions of yen)

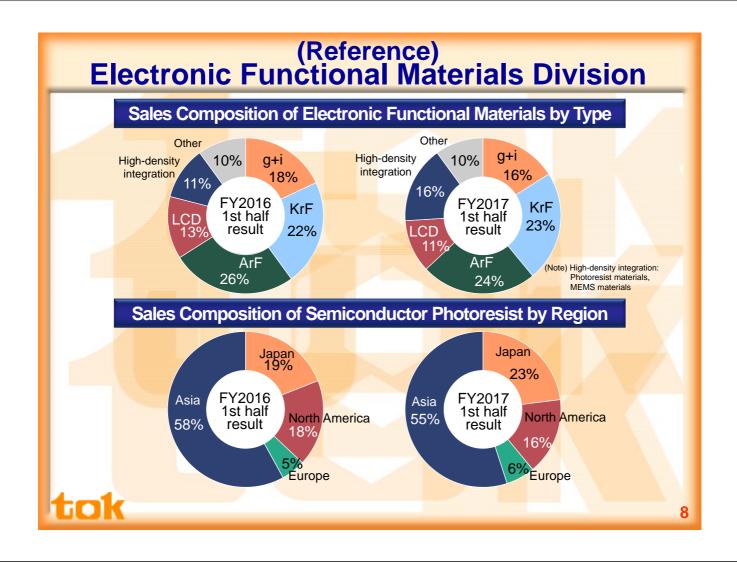
	FY2016/1H	FY2017/1H	
		Change	%
Net sales	44,805	42,897 (1,908)	(4.3)
Material Business	43,835	41,576 (2,259)	(5.2)
Electronic functional materials	25,420	25,822 +402	+1.6
High purity chemicals	18,309	15,667 (2,642)	(14.4)
Other	105	86 (19)	(18.4)
Equipment Business	969	1,321 +351	+36.2
Operating income	7,271	5,383 (1,887)	(26.0)
Material Business	9,026	7,356 (1,669)	(18.5)
Equipment Business	(139)	(178) (39)	-
Eliminations and corporate	(1,615)	(1,795) (179)	

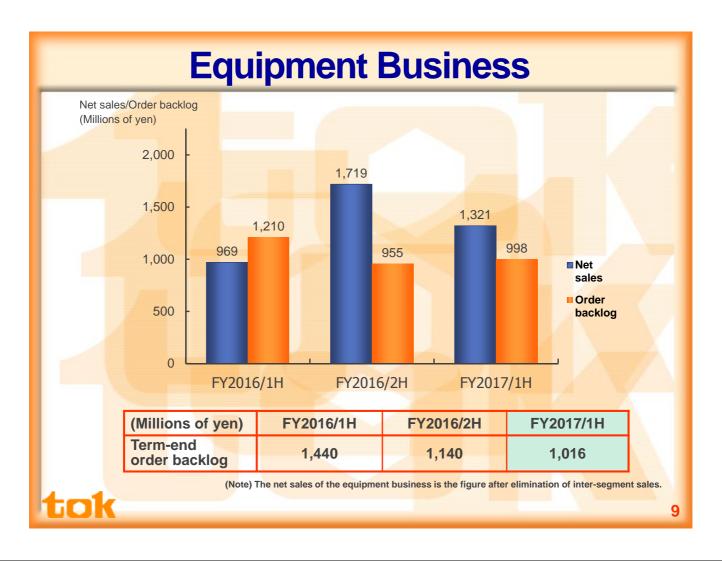
(Note) Net sales of the Equipment Business are the figures after elimination of inter-segment sales.











Balance Sheets

(Millions of ye			
	As of September 30, 2016	vs March 31, 2016	
Current assets	85,848	(1,265)	
Cash and deposits	49,257	(1,618)	
Notes and accounts receivable	18,292	+370	
Inventories	12,734	(265)	
Property, plant and equipment	46,905	(1,008)	
Intangible assets	640	(108)	
Investments and other assets	30,934	(589)	
Current liabilities	17,515	+385	
Notes and accounts payable	7,848	+60	
Non-current liabilities	1,517	(1,381)	
Total net assets	145,295	(1,975)	
Total assets	164,328	(2,971)	

Buildings and structures (1,029)
Machinery and equipment (2,221)
Furniture and fixtures +477
Land (286)
Construction in progress +2,065

Retained earnings +1,789
Treasury stock +688
Foreign currency translation
adjustment (3,949)

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Cash Flows

	(Millions of yen)		
	FY2016/1H	FY2017/1H	
Cash flows from operating activities	+5,774	+5,494	
Income before income taxes and minority interests	+7,384	+4,966	
Depreciation	+2,685	+2,841	
Decrease (increase) in trade notes and accounts receivable	+954	(1,499)	
Decrease (increase) in inventories	(790)	(740)	
Decrease (increase) in trade notes and accounts payable	(2,624)	+457	
Increase (decrease) in advances received	+457	+5	
Income taxes paid	(2,480)	(1,219)	
Cash flows from investing activities	(3,093)	(5,180)	
Cash flows from financing activities	(7,633)	(1,261)	
Translation adjustments	+223	(1,907)	
Net increase (decrease) in cash and cash equivalents	(4,729)	(2,855)	
Net increase (decrease) in cash and cash equivalents			

Exp.
Purchases of property, plant
and equipment (4,002)

Exp.
Dividends paid (1,381)



Consolidated Performance Forecasts for FY2017

Earnings Forecasts (Full-year)

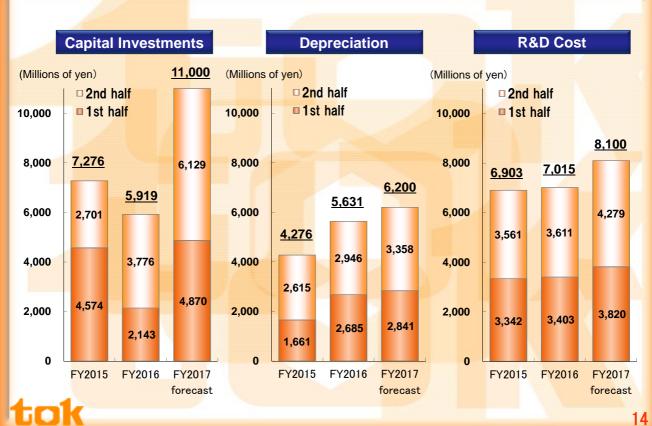
(Millions of yen)

	FY2016	FY2017 Forecasts		
	Results		Change	%
Net sales	89,969	87,300	(2,669)	(3.0)
Operating income	12,438	9,400	(3,038)	(24.4)
Ordinary income	12,684	9,400	(3,284)	(25.9)
Profit attributable to owners of parent	7,716	6,300	(1,416)	(18.4)

- Exchange rate assumptions (US\$): 119.3¥/\$ (FY2016) ⇒ 105.0¥/\$ (FY2017/2H)
- Net sales: Expected to decrease 3.0% due to lower-than-expected growth of Equipment Business although high-density integration materials and high purity chemicals are expected to exceed the initial forecasts (on May 10, 2016.)
- Operating income: Expected to decrease 24.4% due to a large impact of yen's appreciation despite expectation to exceed the initial forecast as a result of product mix improvement.



Capital Investments/Depreciation/R&D



Performance Forecasts by Business Segment

(Millions of yen)

	FY2016 FY2017 Full-year		Full-year fo	forecasts	
	Full-year results		Change	%	
Net sales	89,969	87,300	(2,669)	(3.0)	
Material Business	87,280	84,100	(3,180)	(3.6)	
Electronic functional materials	51,134	51,900	+765	+1.5	
High purity chemicals	35,931	32,100	(3,831)	(10.7)	
Equipment Business	2,689	3,200	+510	+19.0	
Operating income	12,438	9,400	(3,038)	(24.4)	
Material Business	16,203	13,600	(2,603)	(16.1)	
Equipment Business	(423)	(400)	+23		
Eliminations and corporate	(3,342)	(3,800)	(457)		

(Note) The net sales of the equipment business is the figure after elimination of inter-segment sales.



