



Third Quarter 2016 Earnings Release November 2, 2016



Forward Looking Statement: With the exception of the historical information contained in this presentation, the matters described herein contain forward-looking statements that are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve a number of risks and uncertainties that may cause actual results to be materially different from such forward-looking statements. Such factors include, among others, general economic conditions and economic conditions in the industrial sector, competitive influences, risks that current customers will commence or increase captive production, delayed customer product launches, risks of capacity underutilization, quality issues, availability of raw materials, currency and other risks associated with international trade, the Company's dependence on certain major customers, and other risk factors and cautionary statements listed from time to time in the Company's periodic reports filed with the Securities and Exchange Commission, including, but not limited to, the Company's Annual Report on 10-K for the fiscal year ended December 31, 2015.

With respect to any non-GAAP financial measures included in the following presentation, the accompanying information required by SEC Regulation G can be found at the back of this presentation or in the "Investor Relations" section of the Company's web site, www.nninc.com, under the heading "News & Events" and subheading "Presentations."

Disclaimer: NN disclaims any obligation to update any such factors or to publicly announce the result of any revisions to any of the forward-looking statements included herein or therein to reflect future events or developments.



Operating Improvements: Full Year 2015 vs YTD 2016									
	Gross Margin Improvement	Adj. Operating Margin Improvement	Adj. EBITDA Margin Improvement						
NN – Total Company	👉 330 bps	👉 260 bps	👉 220 bps						
APC Group	10 bps	10 bps	100 bps						
PBC Group	👉 110 bps	🛨 40 bps	合 80 bps						
PEP Group	👉 630 bps	👉 790 bps	110 bps						





Highlights of 3rd Quarter 2016

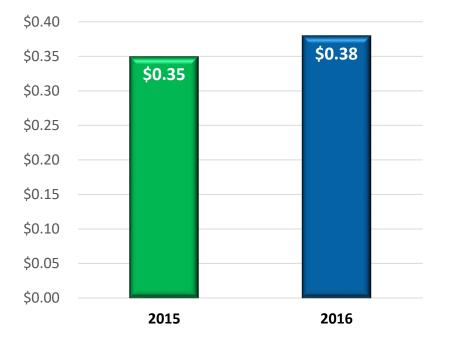
- Sales of \$205.0M
 - Net of divestitures, the PEP acquisition contributed \$55.2M
 - Sales in the legacy business were negatively impacted \$5M in quarter driven by industrial weakness
- Adjusted Diluted Earnings Per Share of \$0.38
- Adjusted EBITDA of \$37.2M
- Adjusted Operating Margins increased 210 bps to 12.6% compared to Q3 2015
- Free Cash Flow generated for debt repayment in the quarter of \$21M; \$35M ahead of 2015 year to date
- Re-Priced our Term Loan removing 75 bps of interest expense

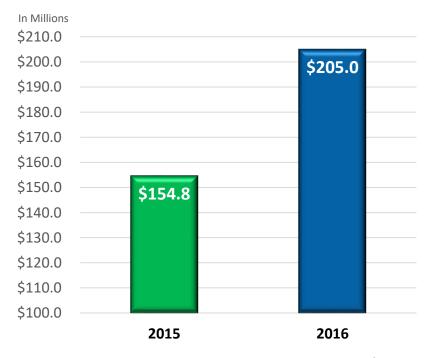




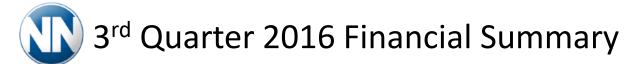
Net Sales

32% growth compared to prior year



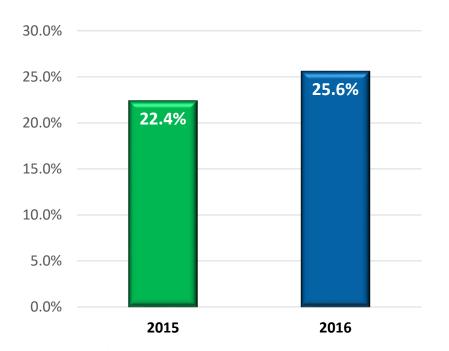


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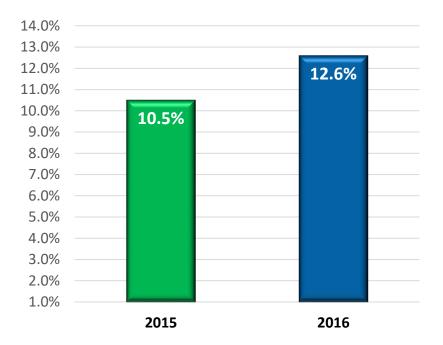
Gross Margin

320 bps improvement driven by acquisition of PEP and the NN Operating System

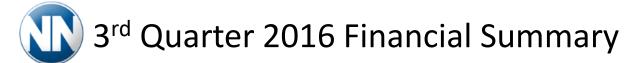


Adjusted Operating Margin

210 bps margin expansion resulting from acquisitions and improvements in the NN Operating System

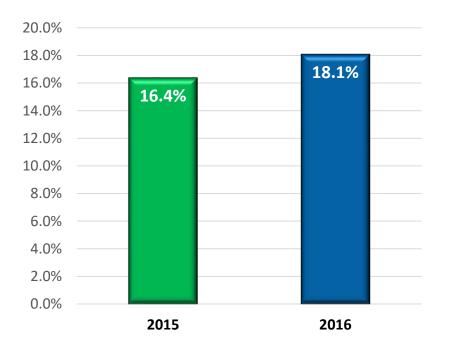


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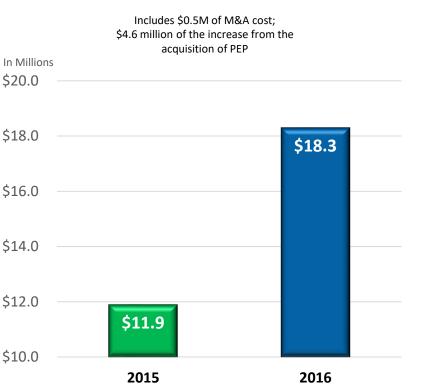


Adjusted EBITDA Margin

170 bps improvement resulting from the acquisition of PEP & the NN Operating System



SG&A





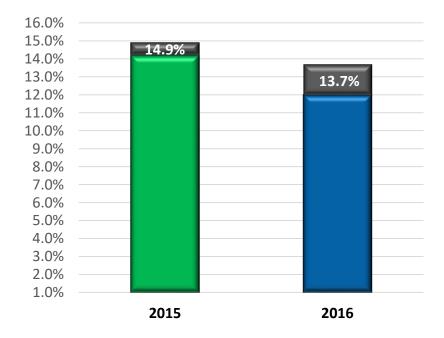
decline In Millions \$90.0 \$80.0 \$83.2 \$80.5 \$70.0 \$60.0 \$50.0 \$40.0 \$30.0 \$20.0 \$10.0 \$0.0 2015 2016

Net Sales

Weakness in industrial markets drove the

Adjusted Operating Margin

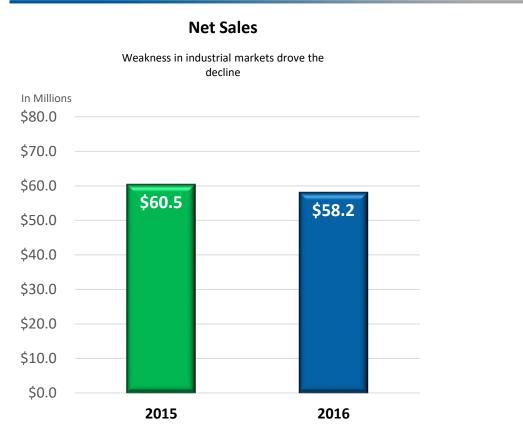
Positive flex productivity offset by unfavorable mix



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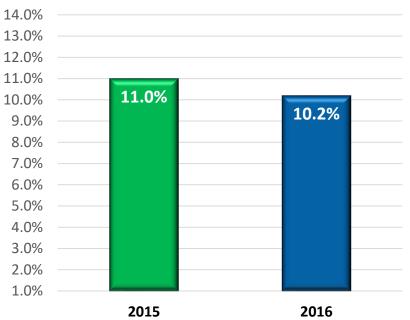
JV Contribution

Precision Bearing Components Group



Adjusted Operating Margin

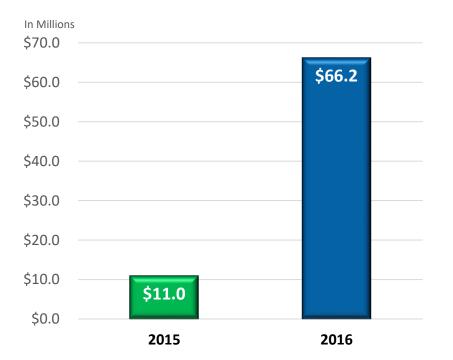
Margins flexing in line with expectations

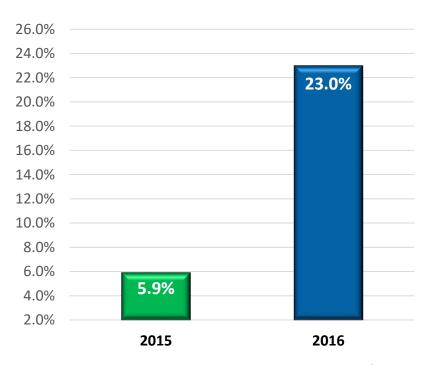




Net Sales

Acquisition of PEP, net of divestitures added \$55.2M





Adjusted Operating Margin



- Diversified portfolio is performing as expected
- Continued weakness in the industrial end market negatively impacted the top line
- NN Operating System driving margin expansion, appropriate flex and continued operating discipline.
- Re-Priced our Term Loan removing 75 bps of interest expense
- Strong Free Cash Flow during the quarter; remain on track to achieve our debt repayment target
- Integration of PEP remains on track





	Third Quarter Actual	Fourth Quarter Guidance	Commentary
Net Sales	\$205.0M	\$200M - \$208M	Industrial markets remain weak
Adj. Op Margin ^(a)	12.6%	12.2% - 13.0%	Operational improvements continue to off set soft industrial demand
Adj. EBITDA	\$37.2M	\$36M - \$39M	
Adj. Diluted EPS ^(b)	\$0.38	\$0.33 - \$0.40	Operational improvements drive consistent performance



Operating Improvements: Q1 2016 ¹ vs Q3 2016					
	Change				
Net Sales	. ↓ \$7.2M				
Adj. Operating Margin	130 bps				
Adj. EBITDA Margin	👉 130 bps				
Adj. Diluted EPS	\$0.11				

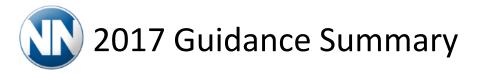
Executed Fundamental Shift in the Business



	Updated 2016 Guidance	Commentary
Net Sales	\$832M - \$840M	Growth in other end markets offset by industrial weakness
Adj. Operating Margin ^(a)	12.4% - 12.6%	Continued improvements in the NN Operating System continue to off set soft industrial demand
Adj. EBITDA	\$150M - \$152M	
Adj. Diluted EPS ^(b)	\$1.43 - \$1.50	Benefits of our portfolio balance and operating improvements will continue to offset industrial weakness
CAPEX	\$35M - \$40M	We continue to invest in growth
Free Cash Flow ¹	\$50M - \$55M	Significant increase in free cash flow allows us to de-lever faster



	2016 Guidance	2017 Guidance	Commentary
Net Sales	\$832M - \$840M	\$850M - \$880M	Sales growth driven by our medical and electrical portfolios
Adj. Operating Margin ^(a)	12.4% - 12.6%	12.4% - 13.0%	Continued improvements in the NN Operating System driving expansion
Adj. EBITDA	\$150M - \$152M	\$157M - \$164M	
Adj. Diluted EPS ^(b)	\$1.43 - \$1.50	\$1.55 - \$1.75	NN Operating System driving improved earnings per share
САРЕХ	\$35M - \$40M	\$40M - \$50M	We continue to invest in growth
Free Cash Flow ¹	\$50M - \$55M	\$55M - \$60M	Strong free cash flow allows us to de-lever faster



- Automotive flat for 2017
- Growing as expected in electrical, medical and aerospace
- Industrial remains depressed
- Execution of the NN Operating System continues to deliver improved performance
- De-levering remains a top priority
- Free Cash Flow for debt repayment continues to increase
- Continued focus on opportunistic repricing of the capital structure





Reconciliation of Adjusted Income from Operations & Adjusted Operating Margin

Reconciliation of GAAP income from operations to	Non-GAAP	adjusted incor	ne from ope	erations:				
NN, Inc Total Company	Three	Months End	ed Septem	ber 30,	Nine Months Ended September 30,			
	2	016	20	015	20	16	2015	
	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales
GAAP Income from operations & Operating								
Margin	\$18,727	9.1%	\$10,122	6.5%	\$47,304	7.5%	\$37,645	7.8%
Restructuring & impairment charges	336	0.2%	1,190	0.8%	8,044	1.3%	1,190	0.2%
Acquisition & integration expenses	757	0.4%	3,948	2.5%	5,198	0.8%	4,629	1.0%
Amortization of intangibles	5,922	2.9%	999	0.6%	17,950	2.8%	3,093	0.6%
Non-GAAP Adjusted income from operations &								
Adjusted Operating Margin (a)	\$25,742	12.6%	\$16,259	10.5%	\$78,496	12.4%	\$46,557	9.6%
GAAP Total Sales	\$20	4,960	\$15	4,824	\$631	1,459		\$483,425

Reconciliation of GAAP income from operations to Non-GAAP adjusted income from operations:

NN, Inc. - Autocam Precision Components Group

,	Three	Months Ende	ed Septem	ber 30,	Nii	ne Months Ei	nded Septer	ded September 30,		
	2016		2015		2016		2015			
	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales		
GAAP Income from operations & Operating										
Margin	\$8,464	10.5%	\$10,894	13.1%	\$22,761	9.2%	\$27,707	11.0%		
Restructuring & impairment Charges	286	0.4%	-	0.0%	3,931	1.6%	-	0.0%		
Acquisition & integration expenses	-	0.0%	-	0.0%	-	0.0%	-	0.0%		
Amortization of intangibles	885	1.1%	885	1.1%	2,655	1.1%	2,655	1.1%		
Non-GAAP Adjusted income from operations &										
Adjusted Operating Margin (a)	\$9,635	12.0%	\$11,779	14.2%	\$29,347	11.9%	\$30,362	12.0%		
China JV Contribution Non-GAAP Adjusted income from operations &	1,427		621		4,170		2,503			
Adjusted Operating Margin (a)	\$11,062	13.7%	\$12,400	14.9%	\$33,517	13.5%	\$32,865	13.0%		
GAAP Total Sales	\$80),492	\$83	3,243	\$247	7,473	\$	252,336		

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Reconciliation of Adjusted Income from Operations & Adjusted Operating Margin

Reconciliation of GAAP income from operations to Non-GAAP adjusted income from operations:

NN, Inc Precisio	on Bearing	Components	Group
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	Three Months Ended September 30,				Nir	ne Months Er	nded Septen	d September 30,	
	<u>2016</u>		2015		2016		2015		
	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	
GAAP Income from operations & Operating									
Margin	\$5,840	10.0%	\$6,633	11.0%	\$18,639	9.9%	\$25,125	12.4%	
Restructuring & impairment Charges	50	0.1%	-	0.0%	2,390	1.3%	-	0.0%	
Amortization of intangibles	57	0.1%	57	0.1%	173	0.1%	173	0.1%	
Non-GAAP Adjusted income from operations &									
Adjusted Operating Margin (a)	\$5,947	10.2%	\$6,690	11.0%	\$21,202	11.3%	\$25,298	12.5%	
GAAP Total Sales	\$58	,246	\$60	,545	\$188	,149	\$	203,041	

Reconciliation of GAAP income from operations to Non-GAAP adjusted income from operations:

NN, Inc. - Precision Engineered Components

Group	Three Months Ended September 30,				Nine Months Ended September 30,				
	<u>2016</u>		2015		2016		2015		
	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	
GAAP Income from operations & Operating									
Margin	\$9,913	15.0%	\$595	5.4%	\$26,116	13.3%	\$1,309	4.7%	
Acquisition & integration expenses	320	0.5%	-	0.0%	3,408	1.7%	-	0.0%	
Amortization of intangibles	4,980	7.5%	57	0.5%	15,122	7.7%	40	0.1%	
Non-GAAP Adjusted income from operations &									
Adjusted Operating Margin (a)	\$15,213	23.0%	\$652	5.9%	\$44,646	22.8%	\$1,349	4.8%	
GAAP Total Sales	\$66	5,222	\$11	,036	\$19	5,837	9	\$28,048	



Reconciliation of Adjusted EBITDA & Adjusted EBITDA Margin

NN, Inc. - Total Company

Three Months Ended September 30, 2016

Reconciliation of GAAP net income to Non-GAAP adjusted EBITDA:

NN, Inc Total Company	<u>2016</u>	2015	<u>c</u>	hange
GAAP Net income	\$ 4,147	\$ 4,630	\$	(483)
Provision for income taxes	(6,423)	936		(7,359)
Interest Expense	16,946	4,584		12,362
Write off of unamortized debt issuance cost	2,589	-		2,589
Write off of interest rate swap	3,130	-		3,130
Depreciation & Amortization	14,693	8,610		6,083
Acquisition & Integration Expenses	757	3,948		(3,191)
Non-cash stock compensation	900	1,100		(200)
Non-cash foreign exchange loss or intercompany loans	94	434		(340)
Restructuring & impairment charges	336	1,190		(854)
Non-GAAP Adjusted EBITDA	\$ 37,169	\$ 25,432	\$	11,737
Non-GAAP Adjusted EBITDA Margin	18.1%	16.4%		
GAAP Total Sales	204,960	154,824		

Reconciliation of GAAP net income to Non-GAAP adjusted EBITDA:

NN, Inc Total Company	Nine Months Ended September 30, 2016					
		<u>2016</u>		2015	9	Change
GAAP Net income	\$	4,879	\$	17,584	\$	(12,705)
Provision for income taxes		(6,469)		4,009		(10,478)
Interest Expense		49,533		16,543		32,990
Write off of unamortized debt issuance cost		2,589		-		2,589
Write off of interest rate swap		3,130		-		3,130
Depreciation & Amortization		47,177		25,702		21,475
Acquisition & Integration Expenses		2,710		4,629		(1,919)
Non-cash stock compensation		3,385		2,872		513
Non-cash foreign exchange loss or intercompany loans		(1,503)		1,456		(2,959)
Restructuring & impairment charges		8,044		1,190		6,854
Non-GAAP Adjusted EBITDA	\$	113,475	\$	73,985	\$	39,490
Non-GAAP Adjusted EBITDA Margin		18.0%		15.3%		
GAAP Total Sales		631,459		483,425		



Reconciliation of Adjusted Net Income & Adjusted Diluted EPS

Reconciliation of net income to adjusted net income:

NN, Inc Total Company		nded September 30, 2016	Three Months Ended September 3 2015		
	In Thousands	Diluted Earnings Per Share	In Thousands	Diluted Earnings Per Share	
GAAP Net income	\$4,147	0.15	4,630	0.17	
Pre-tax acquisition and integration costs	757	0.03	3,948	0.15	
Pre-tax foreign exchange loss on inter-company loans	94	0.00	434	0.02	
Pre-tax reorganization and impairment charges	336	0.01	1,190	0.04	
Pre-tax write-off of unamortized debt issuance costs	2,589	0.10			
Pre-tax write of interest rate swap	3,900	0.14			
Pre-tax Amortization of intangibles & deferred financing costs	7,062	0.26	1,627	0.06	
Tax effect of all adjustment reflected above (c)	(8,582)	(0.31)	(2,328)	(0.09)	
Non- GAAP Adjusted net income	\$ 10,303	\$ 0.38	\$ 9,501	\$ 0.35	

Reconciliation of net income to adjusted net income:

NN, Inc Total Company	Nine Months En	ded September 30,	ded September 30,			
	2	2016	:	2015		
	In Thousands	Diluted Earnings Per Share	In Thousands	Diluted Earnings Per Share		
GAAP Net income	\$4,879	\$0.18	\$17,584	\$0.86		
Pre-tax acquisition and integration costs	2,710	0.10	4,629	0.23		
Pre-tax foreign exchange (gain) loss on inter- company loans	(1,503)	(0.06)	1,456	0.07		
Pre-tax reorganization and impairment charges	8,044	0.30	1,190	0.06		
Pre-tax write-off of unamortized debt issuance costs	2,589	0.10		-		
Pre-tax write of interest rate swap	3,900	0.14	-	-		
Pre-tax Amortization of intangibles & deferred financing costs	23,727	0.88	5,123	0.25		
Tax effect of all adjustment reflected above (c)	(14,486)	(0.54)	(4,047)	(0.20)		
Non- GAAP Adjusted net income	\$ 29,860	\$ 1.10	\$ 25,935	\$ 1.27		



Reconciliation of income from operations to adjusted income from operations:

NN, Inc Total Company	Three Months Ending December 31, 2016				Twelve Months Ending December 31, 2016			
	Lo	<u>w</u>	Hi	<u>gh</u>	Lo	<u>w</u>	Hi	<u>gh</u>
	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales	\$'000	% of Sales
Income from operations & Operating								
Margin	\$15,720	7.9%	\$18,200	8.8%	\$63,024	7.6%	\$65,504	7.8%
Restructuring & impairment charges	2,527	1.3%	2,527	1.2%	10,571	1.3%	10,571	1.3%
Acquisition & integration expenses	311	0.2%	311	0.1%	5,509	0.7%	5,509	0.7%
Amortization of intangibles	5,919	3.0%	5,919	2.8%	23,869	2.9%	23,869	2.8%
Adjusted income from operations &								
Adjusted Operating Margin	\$24,477	12.2%	\$26,957	13.0%	\$102,973	12.4%	\$105,453	12.6%
Total Sales	\$200	0,000	\$208	3,000	\$832	2,000	\$840),000



4th Quarter & FY Guidance – Adjusted EBITDA & Adjusted EBITDA Margin

NN, Inc. - Total Company

Three Months Ended December 31, 2016

Reconciliation of GAAP net income to Non-GAAP adjusted EBITDA:

NN, Inc - Total Company	Low	<u>High</u>
GAAP Net income	\$ 2,489	\$ 4,419
Provision for income taxes	86	564
Interest Expense	14,823	14,823
Write off of unamortized debt issuance cost	-	-
Write off of interest rate swap	-	-
Depreciation & Amortization	15,042	15,042
Acquisition & Integration Expenses	311	311
Non-cash stock compensation	1,000	1,000
Non-cash foreign exchange loss or intercompany loans	-	-
Restructuring & impairment charges	2,527	2,527
Non-GAAP Adjusted EBITDA	\$ 36,278	\$ 38,686
Non-GAAP Adjusted EBITDA Margin GAAP Total Sales	18.1% 200.000	18.6% 208.000
	200,000	200,000

neconciliation of anoth nec income to non anoth adjuste					
NN, Inc Total Company	Twelve Months Ended December 31,			nded December 31, 2	016
		Low		High	
GAAP Net income	\$	7,368	\$	9,298	
Provision for income taxes		(6,383)		(5,905)	
Interest Expense		64,356		64,356	
Write off of unamortized debt issuance cost		2,589		2,589	
Write off of interest rate swap		3,130		3,130	
Depreciation & Amortization		62,219		62,219	
Acquisition & Integration Expenses		3,021		3,021	
Non-cash stock compensation		4,385		4,385	
Non-cash foreign exchange loss or intercompany loans		(1,503)		(1,503)	
Restructuring & impairment charges		10,571		10,571	
Non-GAAP Adjusted EBITDA	\$	149,753	\$	152,161	
Non-GAAP Adjusted EBITDA Margin		18.0%		18.1%	
GAAP Total Sales		832,000		840,000	

Reconciliation of GAAP net income to Non-GAAP adjusted EBITDA:



4th Quarter & FY Guidance – Adjusted Net Income & Adjusted EPS

Reconciliation of of net income & EPS to adjusted net income & adjusted EPS:

NN, Inc Total Company	Three Months Ending March 31, 2016					
	1	.ow	High			
	In Thousands	Earnings Per Share	In Thousands	Earnings Per Share		
GAAP Net income	\$2,489	\$0.09	\$4,419	\$0.16		
Pre-tax acquisition and integration costs	311	0.01	311	0.01		
Pre-tax foreign exchange loss on inter-company loans	-	-	-	-		
Pre-tax reorganization and impairment charges	2,527	0.09	2,527	0.09		
Pre-tax write of interest rate swap	-		-	-		
Pre-tax Amortization of intangibles & deferred financing						
costs	7,062	0.26	7,062	0.26		
Tax effect of all adjustment reflected above (c)	(3,377)	(0.12)	(3,377)	(0.12)		
Non- GAAP Adjusted net income	\$ 9,012	\$ 0.33	\$ 10,942	\$ 0.40		
Weighted average diluted shares outstanding		27,300		27,300		

Reconciliation of EPS to adjusted EPS:

NN, Inc Total Company	Year Ending December 31, 2016					
	I	low		High		
	In Thousands	Earnings Per Share	In Thousands	Earnings Per Share		
GAAP Net income	\$ 7,368	\$0.27	\$ 9,298	\$0.34		
Pre-tax acquisition and integration costs	3,021	0.11	3,021	0.1111		
Pre-tax foreign exchange loss on inter-company loans	(1,503)	(0.06)	(1,503)	(0.0553)		
Pre-tax reorganization and impairment charges	10,571	0.39	10,571	0.3886		
Pre-tax write-off of unamortized debt issuance costs	2,589	0.10	2,589	0.0952		
Pre-tax write of interest rate swap	3,900	0.14	3,900	0.1434		
Pre-tax Amortization of intangibles & deferred financing						
costs	30,789	1.13	30,789	1.1319		
Tax effect of all adjustment reflected above (c)	(17,863)	(0.66)	(17,863)	(0.6567)		
Non- GAAP Adjusted net income	\$ 38,872	\$ 1.43	\$ 40,802	\$ 1.50		
Weighted average diluted shares outstanding		27,200		27,200		



Free Cash Flow

NN, Inc Total Company	Year Ending December 31, 2016			
	Low	High		
EBITDA	\$149,753	\$152,161		
CAPEX	(35,000)	(40,000)		
Interest Expense*	(59,424)	(58,424)		
Dividends	(7,600)	(7,600)		
Income Tax Expense	(500)	(1,500)		
Working Capital and debt issuance	2,771	10,363		
Free Cash Flow ⁺	\$50,000	\$55,000		

*Excludes deferred financing cost

+ Free cash flow available for debt repayment

Reconciliation of income from operations to adjusted income from operations:

NN, Inc Total Company	Year Ending December 31, 2017					
	Lo	w	Hi	gh		
	\$'000	% of Sales	\$'000	% of Sales		
Income from operations & Operating						
Margin	\$81,516	9.6%	\$90,505	10.3%		
Restructuring & impairment charges	-	0.0%	-	0.0%		
Acquisition & integration expenses	-	0.0%	-	0.0%		
Amortization of intangibles	23,511	2.8%	23,511	2.7%		
Adjusted income from operations &						
Adjusted Operating Margin	\$105,027	12.4%	\$114,016	13.0%		
Total Sales	\$850,000		\$880,000			



2017 Full Year Guidance – Adjusted EBITDA & Adjusted EBITDA Margin

Reconciliation of GAAP net income to Non-GAAP adjusted EBITDA:

NN, Inc. - Total Company

Twelve Ended December 31, 2017

Reconciliation of GAAP net income to Non-GAAP adjusted EBITDA:

NN, Inc Total Company	Low	<u>High</u>
GAAP Net income	\$ 24,703	\$ 29,946
Provision for income taxes	5,107	7,031
Interest Expense	58,656	58,656
Depreciation & Amortization	63,867	63,867
Acquisition & Integration Expenses	-	-
Non-cash stock compensation	4,500	4,500
Non-cash foreign exchange loss or intercompany loans	-	-
Restructuring & impairment charges	-	 -
Non-GAAP Adjusted EBITDA	\$ 156,833	\$ 164,000
Non-GAAP Adjusted EBITDA Margin	18.5%	18.6%
GAAP Total Sales	850,000	880,000

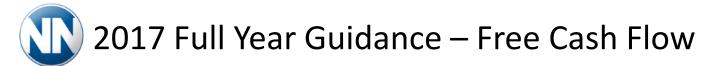


Year Ending Decrmber 31, 2017

Reconciliation of EPS to adjusted EPS:

NN, Inc. - Total Company

	Fear Enang Beetinger of, 2027				
	I	Low	High		
	In Thousands	Earnings Per Share	In Thousands	Earnings Per Share	
GAAP Net income	\$24,703	\$0.90	\$29,946	\$1.10	
Pre-tax acquisition and integration costs	-	-	-	-	
Pre-tax foreign exchange loss on inter-company loans	-	-	-	-	
Pre-tax reorganization and impairment charges	-	-	-	-	
Pre-tax write of interest rate swap	-		-	-	
Pre-tax Amortization of intangibles & deferred financing costs	27,945	1.02	27,945	1.02	
Tax effect of all adjustment reflected above (c)	(10,234)	(0.37)	(10,234)	(0.37)	
Non- GAAP Adjusted net income	\$ 42,414	\$ 1.55	\$ 47,657	\$ 1.75	
Weighted average diluted shares outstanding		27,300		27,300	



Free Cash Flow

NN, Inc Total Company	Year Ending December 31, 2017			
	Low	High		
EBITDA	\$156,833	\$164,000		
CAPEX	(40,000)	(50,000)		
Interest Expense*	(54,494)	(53,494)		
Dividends	(7,600)	(7,600)		
Income Tax Expense	(3,150)	(5,000)		
Working Capital	3,411	12,094		
Free Cash Flow ⁺	\$55,000	\$60,000		

*Excludes deferred financing cost

+ Free cash flow available for debt repayment

Non-GAAP Financial Measures Footnotes

The Company discloses in this presentation the non-GAAP financial measures of adjusted income from operations, adjusted net income and adjusted diluted earnings per share. Each of these non-GAAP financial measures provide supplementary information about the impacts of acquisition and integration related expenses, foreign-exchange impacts on inter-company loans reorganizational and impairment charges. Over the past three years, we have completed six acquisitions, two of which were transformative for the Company. The costs we incurred in completing such acquisitions, including the amortization of intangibles and deferred financing costs, have been excluded from these measures because their size and inconsistent frequency are unrelated to our commercial performance during the period, and which we believe are not indicative of our ongoing operating costs. We exclude the impact of currency translation from these measures because foreign exchange rates are not under management's control and are subject to volatility. Other non-operating charges such as, the write-off of our interest rate swap, are excluded as the charges on not indicative of our ongoing operating cost. We believe the presentation of adjusted income from operations, adjusted net income and adjusted diluted earnings per share provide useful information in assessing our underlying business trends and facilitates comparison of our long-term performance over given periods

The non-GAAP financial measures provided herein may not provide information that is directly comparable to that provided by other companies in the Company's industry, as other companies may calculate such financial results differently. The Company's non-GAAP financial measures are not measurements of financial performance under GAAP, and should not be considered as alternatives to actual net income growth derived from income amounts presented in accordance with GAAP. The Company does not consider these non-GAAP financial measures to be a substitute for, or superior to, the information provided by GAAP financial results.

(a) Non-GAAP Adjusted income from operations, represents GAAP income from operations, adjusted to exclude the effects of restructuring and non-cash impairment charges (related to plant closures and other charges incurred to implement our strategic goals, that do not necessarily represent a major strategic shift in operations), one-time charges related to acquisition and integration costs, intangible amortization costs for fair value step-up in values related to acquisitions, and when applicable, our share of income from joint venture operations. We believe this presentation is commonly used by investors and professional research analysts in the valuation, comparison, rating and investment recommendations of companies in the industrial industry. We use this information for comparative purposes within the industry. Non-GAAP adjusted income from operations, is not a measure of financial performance under GAAP and should not be considered as a measure of liquidity or as an alternative to GAAP income from operations.

(b) Non-GAAP adjusted net income and adjusted diluted earnings per share, represents GAAP net income, adjusted to exclude the tax-affected effects of restructuring and impairment charges (related to plant closures and other charges incurred to implement our strategic goals, that do not necessarily represent a major strategic shift in operations), one-time charges related to acquisition and integration costs, amortization of intangibles costs for fair value step-up in values related to acquisitions and amortization of deferred financing costs, and foreign exchange gain (loss) on inter-company loans. We believe this presentation is commonly used by investors and professional research analysts in the valuation, comparison, rating and investment recommendations of companies in the industrial industry. We use this information for comparative purposes within the industry. Non-GAAP adjusted net income and Non-GAAP adjusted diluted earnings per share, is not a measure of financial performance under GAAP and should not be considered as a measure of liquidity or as an alternative to GAAP net income.

(c) This line item reflects the aggregate tax effect of all nontax adjustments reflected in the table above. In addition, the footnotes above indicate the after-tax amount of each individual adjustment item. NN, Inc. estimates the tax effect of the adjustment items identified in the reconciliation schedule above by applying NN, Inc's. overall estimated effective tax rate to the pretax amount, unless the nature of the item and/or the tax jurisdiction in which the item has been recorded requires application of a specific tax rate or tax treatment.