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SPX Investor Presentation September 9, 2014





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- This presentation includes non-GAAP financial measures. A copy of this presentation, including a reconciliation of the non-GAAP financial measures with the most comparable measures calculated and presented in accordance with GAAP, is available on our website at <u>www.spx.com</u>.
- Unless otherwise indicated, amounts in this presentation relate to continuing operations.

Agenda

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1)	8:00 – 8: 15: SPX Overview and Strategic Transformation	Jeremy Smeltser
2)	8:15 – 10:15: Flow Technology End Markets	Marc Michael, David Wilson, Tony Renzi
3)	10:15 – 10:30: Break	
4)	10:30 – 11:50: Thermal & Industrial, Global Manufacturing	Gene Lowe, David Kowalski
5)	11:50 – 12:15 : Pick up boxed lunch & check out	
6)	12:15: Buses depart for Delavan, WI	
7)	1:30 – 3:45: Plant Tours	
8)	4:00 pm: Buses depart for Milwaukee Aiport	

Executive Management





Jeremy Smeltser: Vice President, Chief Financial Officer

Jeremy Smeltser was appointed vice president, chief financial officer of SPX Corporation in August 2012 and was named an officer of the company in April 2009. Prior to this, he spent a decade serving the company in various other roles including vice president, chief financial officer for the company's Flow Technology segment and vice president, finance. Mr. Smeltser first joined SPX in 2002 from Ernst & Young LLP where he served as an audit manager. Prior to that, he held various positions with Arthur Andersen LLP where he focused primarily on assurance services for global manufacturing clients. A graduate of Northern Illinois University, Mr. Smeltser earned a B.S. in accountancy.



David Kowalski: President, Global Manufacturing Operations and Industrial Products & Services

David Kowalski was named president, Global Manufacturing Operations, in August 2013 and segment president, Industrial Products and Services, in August 2011. He joined SPX in 1999 as the vice president and general manager of Tools and Equipment at Service Solutions and was named president of Service Solutions in 2004. He became segment president, Test and Measurement, and an officer in August 2005. Before joining SPX he held positions with American National Can Company, J.I. Case, Picker International and Warner Swasey. He holds a master's degree in industrial engineering from Cleveland State University and a bachelor's degree in mechanical engineering from the University of Notre Dame.



Gene Lowe: President, Thermal Equipment and Services

Gene Lowe was named segment president, Thermal Equipment and Services in February 2013. He joined SPX as the vice president of marketing and business development for the Thermal Equipment and Services segment in 2008 and has been the president of the Global Evaporative Cooling business since 2010. Prior to joining SPX, Mr. Lowe held positions with Milliken, Bain & Company and Lazard Technology Partners. He received his MBA from Dartmouth's Tuck School with distinguished honors and his B.S. in management science from Virginia Tech.

Today's Speakers

Executive Management





Marc Michael: President, Flow Food and Beverage

Marc Michael is president of Flow Food and Beverage at SPX and is responsible for enhancing SPX's execution on its Food and Beverage system projects and strategically growing the company's presence in Food and Beverage aftermarket service and components. Mr. Michael has extensive experience with emerging markets and managing large projects and operations across EMEA. Previously, he was president of SPX's evaporative and dry cooling businesses and President of Flow Technology's EMEA region. He also held senior positions at SPX Cooling Technologies before becoming President of SPX's Global Dry Cooling business in 2008. Prior to joining SPX in 2003, Mr. Michael held positions with General Electric and TDK Corporation. He earned a B.S. in accounting and finance from the University of North Alabama.



David J. Wilson: President, Flow Industrial

David J. Wilson is president, Flow Industrial for SPX and is responsible for driving growth in Flow Technology's industrial product lines. During his career, Mr. Wilson has held several leadership roles in each of SPX's operating segments, including serving as president of Asia Pacific for SPX Flow Technology and the company's Service Solutions business, the latter of which was sold in 2012. He also served as vice president of business development for the Thermal Equipment and Services segment. Prior to joining SPX in 1998, Mr. Wilson held operating and engineering leadership positions at Polaroid Corporation. He earned a B.S. in electrical engineering from the University of Massachusetts and a MBA from the F.W. Olin Graduate School of Business at Babson College.



Tony Renzi: President, Flow Power and Energy

Tony Renzi is president, Flow Power and Energy for SPX and is responsible for driving operational improvement and accelerating the commercial strategy of SPX's Flow Power and Energy platform. Mr. Renzi has more than 30 years of operations experience. Over the years, he has served as president, SPX Dehydration and Filtration; president, SPX Process Equipment; president, APV; senior vice president, Global Operations; and president, Flow Technology – Clyde Union and Americas. Prior to joining SPX in 2003, Mr. Renzi held roles at James Burn International, Clopay, Breed Technologies, Sundstrand and General Electric. He earned B.S. and M.S. degrees in electrical engineering from Brown University and an MBA from Duke University's Fuqua School of Business.

Today's Speakers

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SPX Overview and Strategic Transformation Jeremy Smeltser, VP and CFO



Strategic Transformation



*Note: Only select acquisitions and divestitures illustrated; 2014 divestitures include sale of joint venture interest in EGS and the sales of Thermal Product Solutions (TPS) and Precision Components

SPX has Undergone a Significant Transformation

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Strategic Transformation





Note: 2014E as of July 30, 2014

This Transformation has Significantly Simplified SPX

Segment Income Development

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Segment Income

Earnings Impact

- Since 2008, growth and investment in Flow segment, combined with capital allocation actions have largely offset...
- ... the earnings declines at our Thermal and Industrial segments related to the slow recovery in power generation and power T&D markets

⁽¹⁾ Flow income as a % of total company segment income; 2014E as of July 30, 2014

Flow Segment Income Now Represents ~65% of Total Segment Income

Flow Overview

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Note: 2014E as of July 30, 2014

Many Attractive Characteristics Led to Our Focus on Flow Markets; We are Well Positioned for Long-Term Growth Opportunities in Key Flow Markets

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Organizational Advancement



*2004 revenue includes EST, Kendro and Bomag

Organizational Structure has Changed as SPX has Transformed and Simplified

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SPX Operational Leadership



*Includes personal comfort heating businesses and Industrial Products and Services

New Operational Alignment has Led to Improved Results

Recent Highlights



- 1) Improved operating performance over last five quarters:
 - Transitioned to new operational alignment in 2H 2013
 - ✓ 5 consecutive quarters of year-over-year margin expansion

2) Increased and improved order backlog:

- ✓ Disciplined order acceptance and improved commercial initiatives
- ✓ 6% year-over-year increase in ending Q2 backlog*

3) Significant progress on strategic and capital allocation actions:

- ✓ Generated \$679 million of pre-tax divestiture proceeds
- ✓ Reduced gross debt to EBITDA to 2.2x after completing early bond redemption
- ✓ Completed U.S. Qualified Pension Plan actions
- ✓ Increased annual dividend 50% to \$1.50 per share
- ✓ As of now, completed ~80% of \$500m 10b5-1 share repurchase plan

*Excludes backlog associated with large power projects in South Africa

Significant Progress Over the Last Year Improving Operating Performance and Returning Capital to Shareholders

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Flow Food & Beverage Marc Michael, President



SPX.

1) Prioritize system selectivity 1) Innovation and new product development 2) Further expansion into emerging markets 2) Aftermarket service model 3) Intensify focus on component sales 3) Improve project execution Key account management **Organic Revenue Growth Improve Customer Experience** SPX. **FLOW FOOD & BEVERAGE Operational Performance Talent & Organizational Effectiveness** 1) Improve process discipline on large projects 1) Global alignment and accountability 2) Rationalize supply chain 2) Competency deployment as a basis to manage performance to standard 3) Renewed Lean focus 3) Skill mapping for global resource planning 4) Working capital initiatives

Flow Food & Beverage Initiatives

Flow Food & Beverage Initiatives Focused on Improving Customer Experience, Driving Profitable Growth and Improving Operational Performance

Food & Beverage Overview

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Customer Examples and Application Capabilities



SPX Food & Beverage Technology is Used in a Wide Range of Product Applications With a Particularly Strong Presence in Dairy Processing

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Primary Locations

<u>Process Technology</u> sites consist primarily of engineering & project management <u>Mechanical Component</u> sites consist primarily of manufacturing & product development





Global Capabilities with Local Presence >500 Engineers, Installations in >70 Countries

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Key Food & Beverage Offerings

Process Technology Mechanical Components Liquid Processing Separation & Clarification Dispersion Mixing Orying & Evaporation Orying & Evaporation Pumps Valves Heat Exchanges



Our Technology Offerings Include Full-Line Process Systems and Process Components

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Innovation Centers



Innovation = Insight + Execution

with the purpose of creating **something new** to provide **value to customers** and generate **value for SPX shareholders**



The Silkeborg Innovation Centre is One of SPX's Most Comprehensive R&D Facilities and Critical to Our Success

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Innovation Examples





Integrated (Wet&Dry) Dairy drives productivity, safety solutions and Components / Aftermarket content



New Dryer air distributer enhances plant performance and customer attraction in Dry Dairy & Food



Homogenizer pressure and capacity improvements to improve SPX's competitive position



Unique Thermal Infusion System increases quality in high growth Infant Formula and specialty drinks



The Mixer portfolio strengthens our market position in Infant formula, Beverage and Food applications



SPX technology and filling partners for Yoghurt and UHT milk is a strong liquid dairy driver



Microparticulation of Whey helps our customers create low fat and healthy drinks and foods products

Innovation and Product Development have Strengthened Our Offerings in Key Growth Markets

Assessment of Large Project Capabilities – 1 Year Ago



 Rapid strategic and organic growth in our process technology business significantly increased the scope of opportunities, which led to some nice wins and some challenges that we have learned from

Assessment of project selectivity one year ago:

- Inconsistent approach to assessing project attractiveness
- □ We accepted some projects with challenging engineering designs and complex project management
- □ We accepted some projects with lower aftermarket potential
- Assessment of project execution one year ago:
 - □ Prior orgnizational structure made coordinating multi-site projects challenging
 - Opportunity to standardize the process flow (engineering, supply chain & project management)
 - Needed better tools and a formal process to track progress

Identified Opportunities to Improve Our Selectivity and Execution on Large Projects

Flow Food & Beverage Global Leadership Team



Transitioned From a Regional Structure to a Global Organization

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Key New Hires

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1) John Watkins, VP of Global Project Management:

- Over 25 years of global EPC experience
- □ KBR, Shaw Group, Jacobs Engineering

2) Anthonie Lombard, VP of Engineering and Product Development:

- Over 25 years of global R&D and engineering management experience
- NALCO, ECOLAB, ITT (Xylem)

3) Kris Fain, VP of Marketing and Product Management:

- Over 15 years of global commercial, marketing and product management experience
- MeadWestvaco, Tetra Pak, Sampsonite

4) Charlene Miraglia, VP of Human Resources:

- Over 20 years of global organization development experience
- Cummins Engine, Praxair, CHC Helecopter

Veteran Executives Hired to Provide Leadership in Key Areas

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Stage Gates for Large Project Opportunities

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Project Selectivity

Structured, Consistent Process Assesses Commercial and Operational Attractiveness; Developed Standard Approach to Project Management Excellence

Global Dairy Market: Retail Sales Growth



THE STATE OF THE GLOBAL DAIRY MARKET

Global hotspots and contracting markets 2011-2016



- Dynamic growth expected in global dairy market
- Shift in regional market value contribution:
 - North America's and Western Europe's share of the global market is expected to shrink
 - Asia Pacific, Latin America and Middle East expected to account for higher proportions of the global market
 - China and Brazil expected to have the highest growth rate, followed by Russia, India and Iran

Source: Euromonitor International, August 2012: Passport, Tracking Growth Opportunities in the Global Dairy Market

Emerging Markets Driving Substantial Dairy Growth

Recent Dairy Processing System Order

Project Details

 ~\$28m order for a new greenfield dairy in Belarus Expected production capacity: 500 tons of milk per day Consumer dairy products to include: Liquid baby food □ Wide range of yogurts Cottage cheese Extended shelf life milk Ultra high temparature sterilized milk and cream High in SPX factory content: Plate and scraped surface heat exchangers Valves and pumps Extended shelf life technology with microfiltration Homogenizers • Ultra high temperature tubular infusion plants Separators

SPX Awarded Contract from Biocom to Provide Dairy Processing System for Baby Food Plant in Belarus



SF

- Bacteria clarifiers
- Membrane technology

Dairy Industry Trends

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Countries with fresh milk surplus

Countries with fastest growing demand for dairy products



- 1. The availability of raw, fresh milk is limited in locations where demand is rising
- 2. As such, suppliers from regions where fresh milk is plentiful are processing the fresh milk into powder for transportation
- 3. The powder can then be transported to the demand regions where it is reconstituted into liquids and drinkable products

Fresh Milk is Being Processed and Converted into Powder at the Source Location; Then Transported to Demand Market and Reconstituted to Liquid Product

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Process Technologies



Process System Sales are Structurally Lower Margin Due to 3rd Party Content; However, Growing Installed Base Fosters Component Replacement and Aftermarket Service Business

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China Market Dynamics

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Key China Market Drivers

- 1. Rising disposable incomes and emerging middle class expected to drive continued growth in milk and nutritious milk-based products
- 2. Rising population (expected baby boom) and increased government safety regulations expected to drive strong growth in infant formula
- 3. China raw milk price increase fueled by increasing gap between supply and demand
- 4. European, North American and Oceania producers targeting increased export opportunities

Growth Expectations by China Dairy Sector

	2013 to 2018E Total Growth	2013 to 2018E CAGR
Infant Milk Formula	84%	13%
 Spoonable Yoghurt 	72%	11%
 Drinking Yoghurt 	53%	9%
Flavoured Milk Drinks	48%	8%
 Long-Life, UHT Milk 	20%	4%
 Fresh Pasteurised Milk 	25%	5%
 Butter 	27%	5%
Source: Euromonitor International April 2014		

China End Market Dynamics Underpin SPX's Food & Beverage Integrated Dairy Strategy

Regulatory Developments Related to China Infant Formula Market



- June 2013: China's cabinet announces detailed plans to improve the quality of domestic baby milk powder
- July 2013: U.K. imposes limits on infant formula purchases and Hong Kong restricts the amount of infant formula allowed to be transported out of the country
- August 2013: The Chinese government fines six infant milk powder companies ~\$107m for anticompetitive behavior
- April 2014: A Chinese audit of 13 infant formula manufacturers in New Zealand found that all but one have some actions they need to undertake before product import registration will be complete
- May 2014: Chinese government imposes limits on foreign brands of milk powder and infant formula sold in China.
 Going forward, non-registered offshore production of dairy food may not be imported
- June 2014: Production permits for more than 1/3rd of China's domestic infant formula manufacturers have not been renewed following a six-month campaign to boost the standard of domestically made products
- June 2014: Just 94 foreign infant formula brands given approval for sale in China under new regulations...down from reportedly over 800

Sources: The New York Times and Dairy Reporter.com

Regulatory Developments Aimed at Improving the Quality of Infant Formula Supply in China

China Infant Milk Formula Market

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China's Infant Milk Formula Market Expected to Grow 13% Per Year on Average from 2013-2018

Synutra France International – Brittany, France



Expected to produce 90,000 tons of bulk product per year



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China's Growing Demand for High Quality Powdered Infant Formula Driving Capital Investments in Western Europe

East China Central Plant (Shanghai)

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Project Details

- Total plant investment: ~\$275m
- SPX is providing turn-key process equipment with
 \$60m of value assigned to this project
- Biggest dairy plant in China with > 2.4 million liters of daily product output
- Produces over 30 high-quality dairy products including:
 Fresh Yoghurt, ESL Yoghurt, Probiotic Drink, Fresh Milk & UHT Milk
- Fully automated plant with central control room providing whole production process traceability





Great Reference Site for SPX to Showcase Engineering and Execution Capabilities; Excellent Install Base to Train Internal SPX Engineers (Proposal, Process & Service)

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SPX Technologies Utilized in Bright Dairy Plant



Dairy Project in Shanghai Utilizes Multiple SPX Process Technologies; SPX Technician On-Site to Provide Customer Service Support and Secure Aftermarket Opportunities

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Aftermarket Opportunity



	Where Do Our Customers Need Our Help?
Reduce Downtime & Business Risk	 Maintain 24/7 operating environment While also ensuring equipment and process quality / integrity
Outsource Non-core Functions	 Gain self-sufficiency in routine maintenance areas Outsource for specialized tasks, when stretched too thin or when significant modifications required
Reduce Overhead & Working Capital	 Reduce internal costs in less frequently needed product and service areas Improve utilization rates and productivity of existing assets and processes
Account for Skilled Workforce Shortage	 Labor costs rising as the skilled labor pool remains limited
Significant	Opportunity to Leverage Our Technology Competency and Expertise to

Provide a Greater Customer Service Offering After We Install a System

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First 10 Years of Aftermarket Opportunity for a Typical Food & Beverage System



Aftermarket Opportunity is Typically 20%-30% of the Value of a Food & Beverage System Over the First 10 Years of Service

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1) Prioritize system selectivity 1) Innovation and new product development 2) Further expansion into emerging markets 2) Aftermarket service model 3) Intensify focus on component sales 3) Improve project execution Key account management **Organic Revenue Growth Improve Customer Experience** SPX. **FLOW FOOD & BEVERAGE Operational Performance Talent & Organizational Effectiveness** 1) Improve process discipline on large projects 1) Global alignment and accountability 2) Rationalize supply chain 2) Competency deployment as a basis to manage performance to standard 3) Renewed Lean focus 3) Skill mapping for global resource planning 4) Working capital initiatives

Flow Food & Beverage Initiatives

Flow Food & Beverage Initiatives Focused on Improving Customer Experience, Driving Profitable Growth and Improving Operational Performance

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Food & Beverage Questions?



Flow Industrial David Wilson, President



Flow Industrial Initiatives



Flow Industrial Initiatives Focused on Increasing Customer Relevance, Driving Profitable Growth and Improving Operational Performance

Flow Industrial Overview













- A leading supplier of industrial flow components with a high degree of engineering and application expertise
- Well recognized brands with large installed base
- Large, global markets with attractive long-term growth characteristics
- Serve our markets primarily through distribution and independent reps
- In most cases, the competitor base is fragmented and regional





A Leading Supplier of Industrial Flow Components With Strong Brand Recognition and a High Level of Engineering and Application Expertise

Flow Industrial End Market Overview





Large, Diversified Customer Base in a Variety of Industrial End Markets



Flow Industrial Product and Market Matrix

	Chemical Processing	Air Treatment	HVAC, Pulp & Paper, General	Marine & Shipbuilding	Water & Wastewater	Mining & Minerals
Mixers						
Heat Exchange						
Dehydration						
Pumps						

Currently Serve Attractive Growth Markets With Strength in Chemical Processing and Mining; Opportunities to Expand into Adjacent Markets Including Offshore Marine, Water & Wastewater, CNG/LNG

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Mixer Business Overview





A Leading Global Supplier of Top-Entry, Side-Entry, and Portable Mixers

"Heavies": Large, Highly Engineered Mixers





Our Large Mixers Are Used in Processes that Require Blending, Solids Suspension, Mass Transfer and Heat Transfer

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Dehydration Business Overview





A Leading Global Provider of Air Treatment Technologies



Industrial Pump Business Overview



A Niche Supplier of Industrial Pumps in Diverse End Market Applications

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Heat Exchanger Business Overview

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A Niche Supplier of Industrial Heat Exchangers in Diverse Industrial End Markets

Flow Industrial Primary Locations





Global Presence with Opportunities to Optimize Footprint



Flow Industrial Global Leadership Team



Transitioned From a Regional Structure to a Global Organization

Megatrends Benefiting Flow Industrial End-Markets





Industry Trends

- Urbanization and industrialization driving chemical and water investments in emerging markets
- Abundant shale gas in North America is yielding low cost feedstocks for chemical industry
- Natural gas as transportation fuel small, but growing fast
- Global LNG trade network boosting marine and shipbuilding markets in Asia Pacific
- Demand uncertainty and oversupply have impacted investments in mining markets



Shale Gas and Emerging Market Growth Driving Industrial Investments

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Geographic Expansion Opportunities



Opportunities to Leverage Footprint, Develop New Channels and Distribute Resources & Capabilities



Increasing Customer Relevance



Focused on Improving Customer Experience and Becoming Easier to Do Business With

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Aftermarket Growth: Dehydration Case Study

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History & Insights

- Dehydration benefits from a large installed base which provides high aftermarket potential
- Our engineered products aftermarket business in the U.S. provides a model to leverage across portfolio:
 - 1. Product registration and e-Commerce solutions drive a proactive aftermarket approach
 - 2. Aftermarket Fulfillment Center along with rapid customer response meets customers' demand for 24-hour turnaround of parts & services
 - Dehydration aftermarket initiatives driving 8%+ year-over-year growth expectation in 2014E



Plan to Leverage this Successful Aftermarket Approach Across All Flow Industrial Product Lines

eBusiness: Mixers Case Study





eBusiness Model Simplified and Accelerated Quote and Order Process Thus Reducing Cost and Complexity and Driving Sales Growth and Significant Margin Expansion

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Innovation and Adjacent Markets

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Focused Innovation and Product Development

- Given attractive CNG fuel market potential....
 SPX developed a next generation suite of fuel station tower dryers
- Improved performance and energy efficiency
- Equipped with high performance particulate and oil removal filtration
- Optimized footprint offers ease of transport, installation and service





Innovation Focused on High Growth Potential, Adjacent Markets

Operational Focus



Productivity

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Evolving Our Operating Mindset & Measurement Systems to More Quickly Identify "Drivers" of Performance

Factory Planning Initiative



Focused on Reducing Complexity and Risk While Simultaneously Improving Performance

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Flow Industrial Initiatives



Flow Industrial Initiatives Focused on Increasing Customer Relevance, Driving Profitable Growth and Improving Operational Performance

Flow Industrial: Questions?



Flow Power & Energy

Tony Renzi, President





Flow Power & Energy Initiatives



Continue to Focus on Driving Operational Improvements; Investing in Commercial Growth Strategy



Flow Power & Energy Global Leadership Team



Richard McAdam	Dale Mays	Andrew York	Brian Edwards	
VP, Global	VP, Global	VP, Global	VP, Global	
Pump Sales	Valve Sales	Filtration Sales	Aftermarket Sales	

Transitioned to a Global Leadership Team; Designated Commercial Leads to Drive Focused, Coordinated Strategy for Each Category

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Flow Power & Energy Revenue Breakdown



~75% of Revenue from Sales into Oil & Gas Markets; Strong Presence in North America and Western Europe

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Flow Technology: Power & Energy Market





Demand for oil pipeline valves at a high level Aftermarket order activity is steady Experiencing order delays for OE pumps due to political uncertainty, financing and lack of growth in global oil and gas demand Project pipeline growing with strong quoting activity

- Nuclear market showing signs of life
- Convential power generation steady at low levels

Encouraged by Growing Frontlog of Opportunities



2013 Revenue by Product pumps _Valves; 23% Filtration; 7% Pumps; 59%_ _B&L Systems; 4% Closures; 4% Other; 4% SPX valves mixers & heat exchangers closures filtration and strainers dehydration & dryers

Flow Power & Energy Product Offering

Complementary Products With Very Good Potential for Revenue Synergies Through Cross-Selling Opportunities, Channel Combinations and Key Customer Account Management

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Flow Power & Energy Manufacturing and Engineering Sites





Primary Manufacturing and Engineering Facilities Concentrated in North America and Western Europe; Future Investments Expected to be Focused on Localizing Capabilities in Growth Markets



Flow Power & Energy Service Centers



Cost Reduction Initiatives

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 <u>~550 headcount reductions primarily</u> at ClydeUnion facilities in Europe and North America



Note: 2014E as of July 30, 2014



Restructuring Efforts Have Simplified Organization and Reduced Overall Cost Structure

ClydeUnion Analysis

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Successfully Improved ClydeUnion's Financial Performance; Commercial Growth Strategy Underway
ClydeUnion's Pump Technologies are Key to Flow P&E Commercial Strategy





Flow Power & Energy Growth Initiatives

Organic Growth Initatives

- Transition mix from "engineered to order" to "configured to order"
- Leverage combined technology offerings
- Increase penetration in profitable market segments (i.e. aftermarket, pipeline, subsea, nuclear power)
- Expand global service center footprint and aftermarket capabilities
- Emerging market growth



Focused on Expanding Customer Relevance, Meeting Customer Needs and Growing Presence in Profitable, Attractive Power & Energy Markets

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Configured to Order Product Offering

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Oil & Gas Product Portfolio



Key Oil & Gas Products valves surge relief control skid booster pumps Gate valves Surge relief valves Closures Booster pumps Transfer pumps filters chemical injection system pigging system Injection pumps Plate heat exchangers Filters Power transformers

SPX has a Broad Product Offering for Many Oil & Gas Applications

Floating Production, Storage and Offloading (FPSO) Offering





SPX Product Offering for FPSO:

- water injection pumps
- oil transfer pumps
- seawater booster pumps
- □ dosing pumps
- □ plate heat exchangers
- □ filtration



SPX has a Broad Product Offering for FPSO Platforms

Liquid Pump Station Offering





SPX has a Broad Product Offering for Liquid Pump Platforms

Pipeline Expansion Expectations

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- Unsecured - Commercially Secured \$36 B \$36 B \$35 B \$7 B \$10 B \$17 B \$29 B \$26 B \$18 B Enbridge Day 2012 Enbridge Day 2013 Current (2012 - 2016)(2013 - 2017)(2013 - 2017)

Enterprise Wide Growth Capital In Service



Source: Enbridge September 2014 investor presentation

SPX is Well Positioned to Participate in the North American Pipeline Expansion

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Expanded Valve Channel with Distributor Relationship

Valve Distributor Agreement

- Finalized first major distribution agreement for valves in Q2 2014
- Establishes a major valve stocking distributor to better support reduced lead time opportunities for pipeline valves
- Stocking program includes:
 - □ 6"- 24" class 150 & 600 Slab Gate Valves
 - □ 6"-24" class 600 Expanding Gate Valves
- SPX M&J valves can be specified for pipeline projects administered by our distributor



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Distribution Partnership has Established New Channels and Capitalizes on Small Valve Production Capability



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Houston Valve Facility: Capacity Expansion

4-Phase Plan Details

- Revenue has more than doubled in 3 years
- Extended lead times and facility constraints expected to benefit from 2014 capital investments



	Description	Investment	Timing
Phase 1	welding	~\$2m	complete
Phase 2	machining	~\$8m	Q4 2014
Potential Future Phases			
Phase 3	assembly building	~\$10m	2015
Phase 4	machining	~\$20m	2015 - 2019

~\$10m Investment in Phases 1-2 Significantly Increasing Revenue Capacity; Potential Future Investments Tied to Demand Trends

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Aftermarket Strategy



Aftermarket Strategy

- Apply global aftermarket growth plan across all relevant brands
- Expand service center network to leverage existing footprint and increase presence in key markets
- Portfolio-based target markets:
 - Pipeline (pumps, valves)
 - Offshore Platform (ClydeUnion injection, Bran & Luebbe, S&N)
 - Middle East and South America development
- Develop master service agreements with targeted customers
- Expand aftermarket engineering competency as a value proposition for service agreements

Global, Consistent Approach Across Flow Power & Energy to Expand Attractive Aftermarket Business

Aftermarket Strategy



Hub and Spoke Approach

- HUB: Super Center depot regionally based where product density is greatest
- SPOKE: Frontline location nearby customers' sites; minimal capabilities, high customer intimacy
- Increased ability to meet customer needs
- Local capabilities and presence also provides an additional value proposition when marketing for OE projects
- This approach can be beneficial when there are tax/duty benefits operating within a region or documentation restrictions crossing regional boundaries



The Hub and Spoke Approach Enables a Broader, More Intimate Aftermarket Presence Through Focused High-Return, Low-Risk Investments

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Aftermarket Footprint



Note: Includes wholly owned service centers, authorized service centers and joint ventures

Evaluating Additional Investments and Strategic Partnerships to Expand Aftermarket Presence in the Middle East, China and South America

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Typical Oil & Gas Pump Lifecycle

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Aftermarket Websites



- Microsites developed for each service center
- Allowing for customization and localization
- Personal approach to our customers





Increased Customer Awareness Through Regional Service Center Websites

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Project Examples



Enhanced Oil Recovery Project

- \$16m order for 134 metering pumps to be manufactured in Germany and delivered in China
- Represents the largest order to ever be delivered from our Nordestedt, Germany facility
- Installed new assembly line with the assistance of Global Manufacturing Operations team
- First 2 phases (30 pumps in each delivery phase) delivered on-time, key milestone
- Realized ~\$1m in net savings so far from cost savings and production efficiency



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~63% Reduction in Build Cycle Time

Canadian Pipeline Project

SP>

- \$16m order for 14 ClydeUnion pipeline pump trains to be used in high speed (6,000 rpm) and high horse-power applications
- Pipeline project in Western Canada
- To execute the order, we are using bare shaft pumps produced in Penistone, England and packaged in Burlington, Canada
- ✓ First units passed initial test and were delivered ahead of schedule





Successful Execution on Canadian Pipeline Project Improves Our Position for Future Wins in High Growth Potential Market



Flow Power & Energy Initiatives



Continue to Focus on Driving Operational Improvements; Investing in Commercial Growth Strategy

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Flow Power & Energy

Questions?



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Thermal Group Gene Lowe



Thermal Group Overview

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SPX Cooling Technologies







Strong Brand Recognition with a Broad Product Offering That Gives Customers Optionality in Cooling Solution



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SPX Heat Exchanger and Filter Product Offerings





Product Offering Includes Stationary and Regenerative Heat Exchangers, Filter Systems and Boiler Retrofits, Services and Spare Parts



Thermal Group Revenue Profile



Note: 2014E as of July 30, 2014

Diverse End Market Exposure and Global Capabilities

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South Africa Update



South Africa Overview

Historical Information

- Established a presence in South Africa as DB Thermal in 1970
- Supplied the Dry Cooling System to Eskom's 4,100 MW Kendall Power Station project, started in 1982 and completed in 1993
- Maintained a service business in South Africa (\$35m to \$40m in annual revenue)



Historical Presence, BEE Qualifications, and Local Manufacturing and Training

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South Africa Projects: Overview

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South Africa Project Overview

- Eskom is a state-owned South African utility
- Alstom and Mitsubishi Hitachi are the contractors
- Medupi and Kusile are the two mega-projects:
 - Twelve, 800 mega-watt coal fired plants (six at each project site)
- SPX awarded contracts in 2007-2008 to supply critical components on both mega-projects:
 - □ Initial contracts valued at ~\$700m
 - Contract price adjustments increased current value to ~\$1.2b



These Two Power Plant Projects Will Add ~10 GW of Power Capacity When Completed



South Africa Projects: Revenue Profile

Remaining Project Timeline

- ~\$200m of estimated future revenue
- Four primary phases to these projects:
 - 1. <u>Manufacturing</u>: ~85% complete today...expect to be essentially finished by end of 2015
 - 2. Construction: Currently scheduled through 2018
 - **3.** <u>Commissioning</u>: Each unit is commissioned at various stages once construction is complete
 - 4. <u>Warranty</u>: On our technologies, the warranty period ranges up to 24 months after commissioning



Note: 2014E and future periods as of July 30, 2014

Eskom Expects the First of Twelve Power Plants to be Commissioned by End of 2014...A Significant Milestone

South Africa Projects: Construction in Process





Early Stages of Erection are Underway





Thermal Core Business Initiatives





Key Initiatives are Having a Positive Impact on Core Thermal Business

Cost Reduction Initiatives

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Restructuring Efforts Have Simplified Organization and Reduced Overall Cost Structure

Commercial Growth Initiatives

Channel Expansion and Marketing Initiatives:

- Implemented value selling tools and installed base programs
- Building channels to target adjacent geographies and increase higher margin aftermarket and parts

"One Cooling":

- Integrated the commercial strategies and best practices of evaporative and dry cooling organizations into "One Cooling"
- Significant increase in win rate, including several strategic orders in North America since organizational re-alignment
- Expanding into adjacent markets



Thermal Orders ⁽¹⁾ Year-Over-Year Variance



Orders in Core Business⁽¹⁾ **Continue to Strengthen**

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Thermal Group Backlog





Core Thermal Group Backlog Increased 11% Year-Over-Year

End Market Development

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Focusing on Growth Opportunities in HVAC, Oil & Gas and Industrial Markets Has Driven a Significant Increase in Non-Power Related Revenue

Innovation Initiatives: Package Cooling

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Package Towers:

- Strengthened core NC product line with ultra quiet and efficiency technologies
- Extended product range by developing new offerings (MD, MHF)
- □ Key innovations driving sustained growth



Innovation has Led to Market Share Gains Over the Past Few Years; We Continue to Drive Innovation to Support Our Customers
Innovation Initiatives: ModuleAirTM

■ ModuleAir[™] air cooled condenser:

- Construction savings of up to 25% as compared to standard A-frame
- Shorter, safer construction time
- □ Enhanced annual average power plant output
- Several patents in process
- □ Gaining commercial traction:
 - ✓ Commissioned first order
 - ✓ Won a second order, robust pipeline
 - ✓ Will take time to show references



In Early Stages of Commercializing New Innovations, But Gaining Traction

Innovation Initiatives: Modular Wet Cooling





Strong Value Proposition: Speed, Quality, Lower Labor, Reduced Risk; Customer Reaction has Been Very Positive

Innovation Initiatives: ClearSkyTM

■ ClearSkyTM (plume abated cooling):—

- Hybrid wet/dry technology that virtually eliminates plume
- We have established blue chip references and won several additional orders
- Strong pipeline for new opportunities
- Patent protected







A Break in the Clouds

ClearSky Plume Abatement System Why is plume abatement important?

Aesthetics / Neighbor Relations - Even though the cooling tower plume is made up of water vapor, a community may perceive it as unwanted or smoke-related. This may affect the use of nearby land or decrease property values.

Safety – Community concerns regarding visibility can be removed by significantly reducing visible plume.

Retrofit - The ClearSky Plume Abatement System can be added to existing cooling towers in many cases, making plume abatement even more economical.

Permitting – Permitting can be a long and costly process. Eliminating the visible plume may enhance a smooth permitting process.

Water Conservation - Water is increasingly becoming a scarce and valuable commodity. Removing water from the vapor plume can help decrease water-relater costs and help the environment.

Recently Announced a New Award of ~\$50m to Supply Our ClearSky Solution for an Indirect Coal Liquefaction Project in China



Thermal Group Financial Analysis



Thermal Core Revenue Expected Grow >10% in 2014E

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Thermal Group: Executive Summary

Situation Overview

- Key initiatives positively impacting core business:
 - ✓ Reduced cost structure
 - ✓ Returned to order growth
 - ✓ Innovations gaining commercial traction
- South Africa power projects ramping down:
 - Aggressively managing projects, but challenges remain



Key Initiatives are Having a Positive Financial Impact on Our Core Thermal Business



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Thermal Group: Questions?

 SPX Marley cooling towers are installed on the top of ONE World Trade Center





Personal Comfort Heating David Kowalski



Personal Comfort Heating





Broad Product Offering of Heating Solutions for Residential and Commercial Applications

Marley Engineered Products Heaters at Ralph Wilson Stadium in Orchard Park, NY





Personal Comfort Heating





- Strong brand reputation in North America
- Sell primarily through distribution with end customers concentrated in the Northeast and Midwest
- A highly seasonal, short-cycle, business with sales volume often tied to the severity of winter weather
- Manufactures in three locations
- Eden, NC, the primary boiler manufacturer, is one of SPX's best practitioners of Lean principles

A Leading U.S. Supplier of Personal Comfort Heating Products

Personal Comfort Heating





Steady Revenue Growth Aided by Recent Harsh Winters and Commercial Initiatives; Steady Margin Improvement Despite Increased Investments in Innovation

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Industrial Products and Services



Industrial Products & Services Overview





SPX Transformer Solutions





A Leading Supplier of Power Transformers into the North American Power Grid

SPX Transformer Solutions

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A Leading Supplier of Power Transformers into the North American Power Grid

SPX Transformer Solutions

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Improving Productivity and Increasing the Focus of our Commercial Strategy

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Power Tools & Systems Hydraulic Bolting Systems Rail Systems HYTEC

SPX Hydraulic Technologies

Hydraulic Technologies Delivers High Density Power and Control Systems to Customers in Global Industrial, Infrastructure and Power & Energy Markets

SPX Hydraulic Technologies





Hydraulic Technologies Delivers High Density Power and Control Systems to Customers in Global Industrial, Infrastructure and Power & Energy Markets

SPX Hydraulic Technologies



Significantly Improved Operating Performance

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Radiodetection





Products Apply to Oil & Gas, Telecom, Water & Sewage and Electrical Transmission Markets

Radiodetection

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A Leading Global Supplier of Underground Pipe and Conduit Detection Equipment

Radiodetection

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TCI International





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TCI Financial Analysis

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Quickly Evolving Technology and Increased User Demands has Led to Steady Increases in Engineering Investment

Genfare Overview



1) Leading North American supplier of farebox units used in public transportation (primarily buses):

Historical market position concentrated on hardware oriented farebox installations on buses

2) Rapidly evolving technology in the market has driven significant changes in Genfare organization:

- □ Transformation from "farebox supplier" to "fare collection system solution provider"
- Increased investment in engineering, program management and marketing
- Partnerships with larger public infrastructure system integrators

3) New product introductions have expanded product offering to include:

- Mobile ticketing
- Cloud based date hosting
- Remote ticket validator
- Point of sale delivery systems

Technology Investments have Kept Genfare at the Forefront of Rapidly Evolving Transportation Market

Genfare Technology Innovation





Fast Fare Suite of Products Integrated With Back-End Support is Creating a New Industry Standard

Genfare

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Continued Investment at Genfare to Maintain Market Leadership as the Core Technology Quickly Evolves

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Global Manufacturing Operations (GMO)

David Kowalski



Global Manufacturing Operations Initiatives



GLOBAL MANUFACTURING OPERATIONS

Re-energize Continuous Improvement

Renew Focus on Global Supply Chain

- 1) Utilize standard systems
- 2) Consistent operating metric scorecard
- 3) Increase through put and speed to market

1) Global focus on savings and supplier performance

- 2) Enhance certification and rationalization
- 3) Effectively measure performance
- 4) Leverage central management of key suppliers

Optimize Global Manufacturing Footprint

- 1) Expand capabilities in low cost, highly capable facilities
- 2) Localize capabilities in high growth regions
- 3) Optimize high cost, high tax-rate, small footprint facilities
- 4) Support improvement initatives at all operations

Priorities Focused on Re-Energizing Continuous Improvement Programs, Improving Supply Chain Management and Optimizing Global Footprint

Progress to Date



- ✓ Established Global Manufacturing Operations leadership team
- ✓ Evaluated footprint initiatives ...finalizing initial action plans:
 - Paced by physical expansion efforts, followed by potential facility consolidations
- ✓ Defined and implemented a <u>consistent set of metrics</u> across the organization
- ✓ Began steering continuous improvement initiatives accordingly
- ✓ Defined global sourcing strategy and organized improvement activities
- ✓ Organized central supply chain resources around key commodities and rationalization of contracts

Global Manufacturing Leadership Team Established with Defined Roles; Initial Evaluation Largely Complete; Expect Actions to Accelerate Over Next 18-24 Months

Global Manufacturing Operations Team





Established, Veteran, Organization with Defined Responsibilities

Introductions: Barry McGinley and Steve Wells



Barry McGinley, VP Global Supply Chain

- Over 20 years of experience in Supply Chain, Project Management, Engineering and Business Development:
 - Praxair
 - ExxonMobil
- 10 years living and working overseas:
 - Den China, Spain, Belgium, Korea, Nigeria, Brazil

Steve Wells, VP Global Quality & Continuous Improvement

- 30 years in Operations and Engineering:
 - Goodrich/United Technologies
 - Sun Chemical
 - □ RR Donnelley
 - □ AlliedSignal/Honeywell
- Certifications:
 - □ Six Sigma Master Black Belt (Allied Signal)
 - Lean Practitioner (Goodrich)
 - □ CQM/OE (ASQC), Lead Auditor (RABSQA)

Added Two Experienced Leaders With Successful Track Records

Global Manufacturing Footprint Strategy

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Strategic Approach

- Identify lower cost manufacturing solutions that can be implemented quickly, with limited business disruption:
 - "Lift and Shift" to existing locations
 - Targeting low-cost labor regions where SPX has an established, successful, operation
 - □ Reduce # of sites and overhead costs
- Focus on actions consistent with end market growth strategy:
 - Localize in higher growth regions, reduce delivery times, improve customer experience
 - One SPX

Expansion Actions Under Review

Two major initiatives to "prime the pump":

Bydgoszcz, Poland:

- Expand from 121k sq. ft. leased facility to 300k sq ft owned facility
- □ Land purchased, new construction beginning
- Polish tax incentives
- □ 2014E revenue ~\$60m; potential revenue >\$250m

Expand capabilities in Busan, Korea:

□ 2014E revenue ~\$15m; potential revenue ~\$50m+

Footprint Strategy Consistent with End Market Growth Plans and Cost Reduction Initiatives; Initial Expansion Actions in Poland and Korea Enable Other Moves

Preliminary Footprint Optimization Plan



 Houston: Market growth opportunities in oil & gas for valves, pumps and aftermarket service Consolidation of multiple sites 	 China: Successful track record in certain product lines Continued localization to reduce lead times and cost Freight, supply chain, labor 	Houston Expansion	Poland Expansion Czech Expansion Xidu Expansion
 Poland: Successful low cost manufacturing option Proven team, multi-functional manufacturing and engineering 20%+ labor efficiency/cost advantage 	 Korea: Successful dehydration operation Opportunity to pull through SPX Flow portfolio and expand our offering to Korean EPC's 		India Reconfiguration

Evaluating Manufacturing Footprint Optimization Based on Market Potential and Cost Competitiveness

Bydgoszcz History and Planned Expansion



- Facility aquired with APV in 2007, process capabilities have led to volume increasing 3X to \$60m today
- 110,000 sq. ft. of factory space to be expanded to 300,000 sq. ft.
- Transferred products to be drawn from various sites with a priority on similar processes, materials or end markets
- Expect expansion to increase annual revenue potential at this location to ~\$250m

Products Currently Manufactured in BydgoszczImage: Straight of the straight of t



Skilled Workforce with Strong Operational Performance Drives Opportunities for Growth

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Bydgoszcz Planned Expansion



Land Purchased in Q3 2014

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Global Manufacturing Operations: Summary Evaluation



 Expect phased approach over the next 2-3 years; continued restructuring expense

- Only ~30% of total sourcing spend concentrated in enterprise wide programs
- Opportunity to leverage global supplier relationships

lead to higher organic growth potential

at our leanest facilities

Reduced lead times and improved on-time delivery will

The journey never ends...room for improvement even

Future State

- Simplified organization
- ✓ Quicker delivery
- ✓ Higher quality customer experience
- Improved competitive position
- Higher margin performance

Operating Initiatives Expected to Contribute to Achieving Top End of Flow's 13%-15% Target Operating Margin Range

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Supply Chain

Continuous Improvement

Footprint

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Questions?

David Kowalski



SPX.

Delavan Plant Tours

David Kowalski



Delavan, Wisconsin



- Established in 1977 as Superior Stainless
- Acquired by SPX in 2001 with United Dominion
- Two buildings; ~300k square feet of manufacturing space
- ~400 employees, skilled workforce
- Products manufactured primarily in stainless alloys
- >85% of sales into Food & Beverage market
- Nearly all sales into North America



Skilled Workforce with Strong Operational Performance Drives Opportunities for Growth

Delavan History





Delavan's Sales and Production Capabilities have Expanded Significantly Over Time With Limited Capacity Investment September 9, 2014 149

Pumps & Valves Manufactured at the Sugar Creek Facility

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A Variety of Pumps and Valves are Manufactured at the Sugar Creek Facility

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Primary Products Made at Hobbs Facility





Heavy Duty Components and Skids are Manufactured and Assembled at the Hobbs Facility

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