

Measurement Specialties Inc  
Form 10-Q  
November 06, 2013

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 10-Q

(MARK ONE)

QUARTERLY REPORT PURSUANT TO SECTION 13 or 15 (d) OF THE SECURITIES  
EXCHANGE ACT OF 1934  
FOR THE FISCAL QUARTERLY PERIOD ENDED SEPTEMBER 30, 2013

OR

TRANSITION REPORT PURSUANT TO SECTION 13 or 15 (d) OF THE SECURITIES  
EXCHANGE ACT OF 1934

COMMISSION FILE NUMBER: 1-11906

MEASUREMENT SPECIALTIES, INC.  
(EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

New Jersey  
(STATE OR OTHER JURISDICTION OF  
INCORPORATION OR ORGANIZATION)

22-2378738  
(I.R.S. EMPLOYER  
IDENTIFICATION NO.)

1000 LUCAS WAY, HAMPTON, VA 23666  
(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES)

(757) 766-1500  
(REGISTRANT'S TELEPHONE NUMBER, INCLUDING AREA CODE)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No .

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No .

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definition of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Securities Exchange Act of 1934. (Check one):

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller reporting company   
(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Securities Exchange Act of 1934). Yes  No .

Indicate the number of shares outstanding of each of the issuer's classes of stock, as of the latest practicable date: On October 28, 2013, the number of shares outstanding of the Registrant's common stock was 15,866,062.

MEASUREMENT SPECIALTIES, INC.  
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**PART I. FINANCIAL INFORMATION****ITEM 1. FINANCIAL STATEMENTS**

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS**  
**(UNAUDITED)**

(Amounts in thousands, except per share amounts )	Three months ended September 30,		Six months ended September 30,	
	2013	2012	2013	2012
Net sales	\$ 102,872	\$ 87,758	\$ 203,385	\$ 176,371
Cost of goods sold	59,080	50,827	117,699	102,646
Gross profit	43,792	36,931	85,686	73,725
Selling, general, and administrative expenses	30,849	25,627	60,130	50,716
Operating income	12,943	11,304	25,556	23,009
Interest expense, net	808	662	1,722	1,384
Foreign currency exchange loss	444	202	598	241
Equity income in unconsolidated joint venture	(165)	(163)	(286)	(392)
Impairment of asset held for sale	-	489	-	489
Acquisition earn-out adjustment	(1,053)	(3,722)	(1,053)	(3,722)
Other expense income	(20)	(73)	(22)	(39)
Income before income taxes	12,929	13,909	24,597	25,048
Income tax expense	2,909	3,503	5,415	6,069
Net income	\$ 10,020	\$ 10,406	\$ 19,182	\$ 18,979
Earnings per common share				
Net income - Basic	\$ 0.64	\$ 0.68	\$ 1.22	\$ 1.24
Net income - Diluted	\$ 0.60	\$ 0.64	\$ 1.16	\$ 1.18
Weighted average shares outstanding - Basic				
Weighted average shares outstanding - Diluted	15,754	15,376	15,693	15,347
	16,649	16,138	16,568	16,146

See accompanying notes to consolidated condensed financial statements.

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED CONDENSED STATEMENTS OF**  
**COMPREHENSIVE INCOME**  
**(UNAUDITED)**

(Amounts in thousands)	Three months ended September 30,		Six months ended September 30,	
	2013	2012	2013	2012
Net income	\$ 10,020	\$ 10,406	\$ 19,182	\$ 18,979
Other comprehensive income, net of income taxes:				
Currency translation adjustments	3,896	675	5,327	(2,854)
Comprehensive income	\$ 13,916	\$ 11,081	\$ 24,509	\$ 16,125

See accompanying notes to consolidated condensed financial statements.

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED CONDENSED BALANCE SHEETS**  
**(UNAUDITED)**

(Amounts in thousands)

September 30, 2013    March 31, 2013

**ASSETS**

## Current assets:

Cash and cash equivalents	\$	39,545	\$	36,028
Accounts receivable trade, net of allowance for doubtful accounts of \$1,162 and \$1,040, respectively		63,033		56,134
Inventories, net		67,148		55,984
Deferred income taxes, net		1,933		1,919
Prepaid expenses and other current assets		6,106		4,593
Other receivables		1,953		1,532
Asset held for sale		-		940
Promissory note receivable		23		-
Income taxes receivable		2,566		-
Total current assets		182,307		157,130
Property, plant and equipment, net		71,446		64,329
Goodwill		177,368		153,924
Acquired intangible assets, net		82,588		56,017
Deferred income taxes, net		3,419		3,781
Investment in unconsolidated joint venture		2,225		2,657
Promissory note receivable		727		-
Other assets		8,532		7,704
Total assets	\$	528,612	\$	445,542

See accompanying notes to consolidated condensed financial statements.

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED CONDENSED BALANCE SHEETS**  
**(UNAUDITED)**

(Amounts in thousands, except share amounts)

September 30, 2013 March 31, 2013

**LIABILITIES AND SHAREHOLDERS' EQUITY**

## Current liabilities:

Current portion of long-term debt	\$ 203	\$ 224
Current portion of capital lease obligations	196	21
Current portion of earn-out contingencies	108	1,122
Current portion of deferred acquisition payment	-	1,500
Accounts payable	31,271	26,601
Accrued expenses	7,512	6,579
Accrued compensation	14,241	10,315
Income taxes payable	-	313
Deferred income taxes, net	607	263
Restructuring liabilities	750	396
Other current liabilities	3,041	3,255
Total current liabilities	57,929	50,589

Revolver	114,000	78,000
Long-term debt, net of current portion	20,000	20,064
Capital lease obligations, net of current portion	406	7
Deferred income taxes, net	16,299	11,267
Other liabilities	5,571	5,291
Total liabilities	214,205	165,218

## Equity:

Serial preferred stock; 221,756 shares authorized; none outstanding	-	-
Common stock, no par; 25,000,000 shares authorized; 15,826,437 shares and 15,553,677 shares issued and outstanding	-	-
Additional paid-in capital	117,861	108,287
Retained earnings	182,388	163,206
Accumulated other comprehensive income	14,158	8,831
Total equity	314,407	280,324
Total liabilities and shareholders' equity	\$ 528,612	\$ 445,542

See accompanying notes to consolidated condensed financial statements.

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED CONDENSED STATEMENTS OF SHAREHOLDERS' EQUITY**  
**FOR SIX MONTHS ENDED SEPTEMBER 30, 2013 AND 2012**  
**(UNAUDITED)**

(Amounts in thousands, except share amounts)	Shares of Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income	Total
Balance, March 31, 2012	15,297,151	\$ 101,435	\$ 129,013	\$ 12,569	\$ 243,017
Net income			18,979	-	18,979
Currency translation adjustment			-	(2,854)	(2,854)
Non-cash equity based compensation		2,244	-	-	2,244
Amounts from exercise of stock options	239,366	3,505	-	-	3,505
Tax benefit from exercise of stock options		1,027			1,027
Purchases of company stock	(215,161)	(7,000)			(7,000)
Balance, September 30, 2012	15,321,356	\$ 101,211	\$ 147,992	\$ 9,715	\$ 258,918
Balance, March 31, 2013	15,553,677	\$ 108,287	\$ 163,206	\$ 8,831	\$ 280,324
Net income			19,182	-	19,182
Currency translation adjustment			-	5,327	5,327
Non-cash equity based compensation		3,069	-	-	3,069
Amounts from exercise of stock options	272,760	5,199	-	-	5,199
Tax benefit from exercise of stock options		1,306	-	-	1,306
Balance, September 30, 2013	15,826,437	\$ 117,861	\$ 182,388	\$ 14,158	\$ 314,407

See accompanying notes to consolidated condensed financial statements.

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED CONDENSED STATEMENTS OF CASH FLOWS**  
**(UNAUDITED)**

(Amounts in thousands)	Six months ended September 30,	
	2013	2012
Cash flows from operating activities:		
Net income	\$ 19,182	\$ 18,979
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	9,972	8,688
Non-cash equity based compensation	3,069	2,244
Acquisition earn-out adjustment	(1,053)	(3,722)
Impairment of asset held for sale	-	489
Deferred income taxes	(305)	(1,222)
Equity income in unconsolidated joint venture	(286)	(392)
Unconsolidated joint venture distributions	619	825
Net change in operating assets and liabilities, excluding the effects of acquisitions:		
Accounts receivable, trade	(1,827)	(2,783)
Inventories	(3,760)	(1,486)
Prepaid expenses, other current assets and other receivables	(1,336)	1,813
Other assets	(740)	(773)
Accounts payable	1,963	(2,401)
Accrued expenses, accrued compensation, restructuring, other current and other liabilities	3,483	2,246
Income taxes receivable and payable	(2,514)	(238)
Net cash provided by operating activities	26,467	22,267
Cash flows from investing activities:		
Purchases of property and equipment	(7,704)	(8,520)
Proceeds from sale of assets, net	182	-
Acquisition of business, net of cash acquired	(57,448)	(10,233)
Net cash used in investing activities	(64,970)	(18,753)
Cash flows from financing activities:		
Borrowings from revolver and short-term debt	50,000	10,797
Repayments of revolver and capital leases	(14,031)	(15,839)
Repayments of long-term debt	(100)	(55)
Payment of deferred acquisition payment	(1,500)	-
Purchase of treasury stock	-	(7,000)
Proceeds from exercise of options and employee stock purchase plan	5,199	3,505
Excess tax benefit from exercise of stock options	1,306	1,027
Net cash provided by financing activities	40,874	(7,565)
Net change in cash and cash equivalents	2,371	(4,051)
Effect of exchange rate changes on cash	1,146	(169)
Cash, beginning of year	36,028	32,725
Cash, end of period	\$ 39,545	\$ 28,505

Supplemental Cash Flow Information:

Cash paid or received during the period for:



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Interest paid	\$	(1,669)	\$	(1,408)
Income taxes paid		(6,723)		(5,369)
Income taxes refunded		29		-

See accompanying notes to condensed consolidated financial statements.

**MEASUREMENT SPECIALTIES, INC. AND SUBSIDIARIES**  
**NOTES TO CONSOLIDATED CONDENSED FINANCIAL STATEMENTS**  
**FOR THE THREE AND SIX MONTHS ENDED SEPTEMBER 30, 2013 AND 2012**  
**(UNAUDITED)**

**(Currency amounts in thousands, except share and per share amounts)**

**1. DESCRIPTION OF BUSINESS**

**Interim financial statements:** The information presented as of September 30, 2013 and for the three and six months ended September 30, 2013 and 2012 is unaudited, and reflects all adjustments (consisting only of normal recurring adjustments) which Measurement Specialties, Inc. (the “Company,” “MEAS,” or “we”) considers necessary for the fair presentation of the Company’s financial position as of September 30, 2013, the results of its operations for the three and six months ended September 30, 2013 and 2012, and cash flows for the six months ended September 30, 2013 and 2012. The Company’s March 31, 2013 consolidated condensed balance sheet information was derived from the audited consolidated financial statements for the year ended March 31, 2013, which is included as part of the Company’s Annual Report on Form 10-K.

The consolidated condensed financial statements included herein have been prepared in accordance with U.S. generally accepted accounting principles (“U.S. GAAP”) and the instructions to Form 10-Q and Regulation S-X. Accordingly, certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. generally accepted accounting principles have been condensed or omitted. These consolidated condensed financial statements should be read in conjunction with the Company’s audited consolidated financial statements for the year ended March 31, 2013, which are included as part of the Company’s Annual Report on Form 10-K.

**Description of business:** Measurement Specialties, Inc. is a global leader in the design, development and manufacture of sensors and sensor-based systems for original equipment manufacturers (“OEM”) and end users, based on a broad portfolio of proprietary technology and typically characterized by the MEAS brand name. We are a global business and we believe we have a high degree of diversity when considering our geographic reach, broad range of products, number of end-use markets and breadth of customer base. The Company is a multi-national corporation with eighteen primary manufacturing facilities strategically located in the United States, China, France, Ireland, Germany and Switzerland, enabling the Company to produce and market globally a wide range of sensors that use advanced technologies to measure precise ranges of physical characteristics. These sensors are used for engine and vehicle, medical, general industrial, consumer and home appliance, military/aerospace, environmental water monitoring, and test and measurement applications. The Company’s products include sensors for measuring pressure, linear/rotary position, force, torque, piezoelectric polymer film sensors, custom microstructures, load cells, vibrations and acceleration, optical absorption, humidity, gas concentration, gas flow rate, temperature, fluid properties and fluid level. The Company’s advanced technologies include piezo-resistive silicon, polymer and ceramic piezoelectric materials, application specific integrated circuits, micro-electromechanical systems (“MEMS”), foil strain gauges, electromagnetic force balance systems, fluid capacitive devices, linear and rotational variable differential transformers, anisotropic magneto-resistive devices, electromagnetic displacement sensors, hygroscopic capacitive structures, ultrasonic measurement systems, optical measurement systems, negative thermal coefficient (“NTC”) ceramic sensors, 3-6 DOF (degree of freedom) force/torque structures, complex mechanical resonators, magnetic reed switches, high frequency multipoint scanning algorithms, and high precision submersible hydrostatic level detection.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:**

**Principles of consolidation:** The consolidated condensed financial statements include the accounts of the Company and its wholly-owned subsidiaries (the “Subsidiaries”). All significant intercompany balances and transactions have

been eliminated in consolidation.

The Company accounts for its 50 percent ownership interest in Nikkiso-THERM (“NT”), a joint venture in Japan and the Company’s one variable interest entity (“VIE”), under the equity method of accounting. Under the equity method of accounting, the Company does not consolidate the VIE but recognizes its proportionate share of the profits and losses of the unconsolidated VIE.

The Company retrospectively adjusted the financial statements for the six months ended September 30, 2013 and 2012 for revisions within the permitted measurement period for the valuation of certain intangible assets related to purchase accounting for the Cosense and Spectrum acquisitions. The change in the valuation of intangible assets resulted in a decrease in amortization expense of \$100 for the three months ended June 30, 2013 and an increase in amortization expense of \$16 for the three months ended June 30, 2012.

**Use of estimates:** The preparation of the consolidated condensed financial statements, in accordance with U.S. generally accepted accounting principles, requires management to make estimates and assumptions which affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and revenues and expenses during the reporting period. Significant items subject to such estimates and assumptions include the useful lives of fixed assets, carrying amount and analysis of recoverability of property, plant and equipment, assets held for sale, acquired intangibles, goodwill, deferred tax assets, valuation allowances for receivables, inventories, income tax uncertainties, restructuring accruals, partial self-insurance liability for health care and other contingencies, including acquisition earn-outs, and stock based compensation. Actual results could differ from those estimates.

**Recently adopted accounting pronouncements:** In February 2013, the FASB issued new accounting standards for reporting of amounts reclassified out of accumulated other comprehensive income. Under this standard, entities will be required to disclose additional information with respect to changes in accumulated other comprehensive income (“AOCI”) balances by component and significant items reclassified out of AOCI. Expanded disclosures for presentation of changes in AOCI involve disaggregating the total change of each component of other comprehensive income (for example, unrealized gains or losses on available for sale marketable securities) as well as presenting separately for each such component the portion of the change in AOCI related to (1) amounts reclassified into income and (2) current-period other comprehensive income. Additionally, for amounts reclassified into income, disclosure in one location would be required, based upon each specific AOCI component, of the amounts impacting individual income statement line items. Disclosure of the income statement line item impacts will be required only for components of AOCI reclassified into income in their entirety. Therefore, disclosure of the income statement line items affected by AOCI components such as net periodic benefit costs would not be included. The disclosures required with respect to income statement line item impacts would be made in either the notes to the consolidated financial statements or parenthetically on the face of the financial statements. The Company applied these new accounting standards effective April 1, 2013. Since this standard only impacts presentation and disclosure requirements, its adoption did not have a material impact on the Company’s consolidated results of operations or financial condition.

### 3. STOCK BASED COMPENSATION AND PER SHARE INFORMATION

Non-cash equity-based compensation expense for the three months ended September 30, 2013 and 2012 was \$1,977 and \$1,388, respectively, and for the six months ended September 30, 2013 and 2012 was \$3,069 and \$2,244, respectively. Non-cash equity-based compensation expense includes the estimated effects of forfeitures, which are adjusted over the requisite service period to the extent actual forfeitures differ or are expected to differ from such estimates. Changes in estimated forfeitures are recognized in the period of change and impact the amount of expense to be recognized in future periods. During the six months ended September 30, 2013, the Company granted 36,500 stock options and 335,200 restricted stock units from the 2010 Equity Incentive Plan (the “2010 Plan”). The awards included time-based restricted stock units (“Time-based Awards”) and performance-based restricted stock units (“Performance-based Awards”) in accordance with the 2010 Plan to certain executives. The estimated fair value of stock options and restricted stock units granted during six months ended September 30, 2013 approximated \$12,090, net of expected forfeitures and is being recognized over the respective vesting periods. During the three and six months ended September 30, 2013, the Company recognized \$1,246 and \$1,308, respectively, of expense related to these stock awards.



The Company has five share-based compensation plans for which equity awards are currently outstanding. At the Company's Annual Shareholders' Meeting on September 19, 2013, the Company's shareholders approved a new stock-based compensation plan, the 2013 Equity Incentive Plan ("2013 Plan"). With the adoption of the 2013 Plan, no additional options may be granted under the Company's 2010 Plan. Subject to certain adjustments, the maximum number of shares of common stock that may be issued under the 2013 Plan in connection with awards is 750,000 shares. These plans are administered by the compensation committee of the Board of Directors, which approves grants to individuals eligible to receive awards and determines the number of shares and/or options subject to each award, the terms, conditions, performance measures, and other provisions of the award. The Chief Executive Officer can also grant individual awards up to certain limits as approved by the compensation committee. Awards are generally granted based on the individual's performance. Terms for stock option awards include pricing based on the closing price of the Company's common stock on the award date, and generally vest over three to five year requisite service periods using a graded vesting schedule or subject to performance targets established by the compensation committee. Shares issued under stock option plans are newly issued common stock. Readers should refer to Note 12 of the consolidated financial statements in the Company's Annual Report on Form 10-K for the fiscal year ended March 31, 2013 for additional information related to the five share-based compensation plans under which awards are currently outstanding and the Company's Proxy Statement on Schedule 14A for our Annual Shareholder's Meeting filed on July 29, 2013 for further information related to the 2013 Plan.

The Company uses the Black-Scholes-Merton option pricing model to estimate the fair value of equity-based awards with the following assumptions for the indicated periods.

	Three months ended September 30, 2013		2012		Six months ended September 30, 2013		2012	
Dividend yield	-		-		-		-	
Expected volatility	52.3	%	61.1	%	46.0	%	60.8	%
Risk free interest rate	1.2	%	0.7	%	0.5	%	0.7	%
Expected term after vesting (in years)	2.0		2.0		2.0		2.0	
Weighted-average grant-date fair value	\$ 20.94		\$ 15.60		\$ 13.58		\$ 15.49	

The assumptions above are based on multiple factors, including historical exercise patterns of employees with respect to exercise and post-vesting employment termination behaviors, expected future exercise patterns for these employees and the historical volatility of our stock price. The expected term of options granted is derived using company-specific, historical exercise information and represents the period of time that options granted are expected to be outstanding. The risk-free interest rate for periods within the contractual life of the option is based on the U.S. Treasury yield curve in effect at the time of grant.

During the six months ended September 30, 2013, a total of 272,760 stock awards were exercised yielding \$5,199 in cash proceeds and excess tax benefit of \$1,306 recognized as additional paid-in capital. At September 30, 2013, there was \$13,469 of unrecognized compensation cost adjusted for estimated forfeitures related to share-based payments, which is expected to be recognized over a weighted-average period of approximately 3.0 years.

**Per share information:** Basic and diluted per share calculations are based on net income. Basic per share information is computed based on the weighted average common shares outstanding during each period. Diluted per share information additionally considers the shares that may be issued upon exercise or conversion of stock options, less the shares that may be repurchased with the funds received from their exercise. Outstanding awards relating to approximately 4,000 and 344,634 weighted shares were excluded from the calculation for the three months ended September 30, 2013 and 2012, respectively, and outstanding awards relating to approximately 31,292 and 214,823 weighted shares were excluded from the calculation for the six months ended September 30, 2013 and 2012,

respectively, as the impact of including such awards in the calculation of diluted earnings per share would have had an anti-dilutive effect.

The computation of the basic and diluted net income per common share is as follows:

	Net income (Numerator)	Weighted Average Shares in thousands (Denominator)	Per-Share Amount
Three months ended September 30, 2013:			
Basic per share information	\$ 10,020	15,754	\$ 0.64
Effect of dilutive securities	-	895	(0.04)
Diluted per-share information	\$ 10,020	16,649	\$ 0.60
Three months ended September 30, 2012:			
Basic per share information	\$ 10,406	15,376	\$ 0.68
Effect of dilutive securities	-	762	(0.04)
Diluted per-share information	\$ 10,406	16,138	\$ 0.64
Six months ended September 30, 2013:			
Basic per share information	\$ 19,182	15,693	\$ 1.22
Effect of dilutive securities	-	875	(0.06)
Diluted per-share information	\$ 19,182	16,568	\$ 1.16
Six months ended September 30, 2012:			
Basic per share information	\$ 18,979	15,347	\$ 1.24
Effect of dilutive securities	-	799	(0.06)
Diluted per-share information	\$ 18,979	16,146	\$ 1.18

#### 4. INVENTORIES

Inventories are valued at the lower of cost or market ('LCM') using the first-in first-out method. Inventories and inventory reserves for slow-moving, obsolete and lower of cost or market exposures at September 30, 2013 and March 31, 2013 are summarized as follows:

	September 30, 2013	March 31, 2013
Raw Materials	\$ 38,215	\$ 31,488
Work-in-Process	12,334	10,576
Finished Goods	21,786	18,448
	72,335	60,512
Inventory Reserves	(5,187)	(4,528)
	\$ 67,148	\$ 55,984

#### 5. PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment are stated at cost. Equipment under capital leases is stated at the present value of minimum lease payments. Property, plant and equipment are summarized as follows:

September 30, 2013	March 31, 2013	Useful Life
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Production equipment and tooling	\$	78,806	\$	70,684	3-10 years
Building and leasehold improvements		36,994		35,400	39 to 45 years or lesser of useful life or remaining term of lease
Furniture and equipment		17,241		17,087	3-10 years
Construction-in-progress		5,444		2,711	
Total		138,485		125,882	
Less: accumulated depreciation and amortization		(67,039)		(61,553)	
	\$	71,446	\$	64,329	

Included in construction in progress at September 30, 2013 and March 31, 2013 was approximately \$1,907 and \$371, respectively, related to the construction of the new facility in Chengdu, China. Total depreciation was \$2,653 and \$2,243 for the three months ended September 30, 2013 and 2012, respectively, and total depreciation was \$5,153 and \$4,551 for the six months ended September 30, 2013 and 2012, respectively. Property and equipment included \$602 and \$28 in capital leases at September 30, 2013 and March 31, 2013, respectively.

## 6. ACQUISITIONS AND ACQUIRED INTANGIBLE ASSETS

**Acquisitions:** The Company continually evaluates potential acquisitions that either strategically fit with the Company's existing portfolio or expand the Company's portfolio into new and attractive business areas. The Company has completed a number of acquisitions that have been accounted for as purchases and have resulted in the recognition of goodwill in the Company's financial statements. This goodwill arises because the purchase prices for these businesses reflect a number of factors, including the future earnings and cash flow potential of these businesses, and other factors at which similar businesses have been purchased by other acquirers, the competitive nature of the process by which the Company acquired the business, and the complementary strategic fit and resulting synergies these businesses bring to existing operations.

Goodwill balances presented in the consolidated condensed balance sheets of foreign acquisitions are translated at the exchange rate in effect at each balance sheet date; however, opening balance sheets used to calculate goodwill and acquired intangible assets are based on purchase date exchange rates. The following table shows the roll forward of goodwill reflected in the financial statements for the six months ended September 30, 2013:

Accumulated goodwill	\$157,277
Accumulated impairment losses	(3,353)
Balance April 1, 2013	153,924
Attributable to 2014 acquisitions	23,806
Effect of foreign currency translation	(362)
Balance September 30, 2013	\$177,368

The following briefly describes the Company's acquisitions since April 1, 2012.

**Cosense:** On April 2, 2012, the Company acquired the assets of Cosense, Inc. ("Cosense"), a Long Island, New York based manufacturer of ultrasonic sensors and switches used in semiconductor, medical, aerospace and industrial applications for \$11,500. The Company paid \$10,013 at close in cash from a combination of available cash on hand and from borrowings under the Company's Senior Secured Credit Facility, and the Company paid the deferred acquisition payment of \$1,500 on April 2, 2013.

**RTD:** On October 1, 2012, the Company acquired the assets of Resistance Temperature Detector Company, Inc. and its parent company, Cambridge Technologies, Inc. (collectively "RTD"), a designer and manufacturer of temperature sensors and probes based in Ham Lake, Minnesota. The Company paid \$17,225 in cash at close from a combination of available cash on hand and from borrowings under the Company's Senior Secured Credit Facility. The purchase price was subsequently increased by \$58 based on final calculations of established working capital levels. The seller has the potential to receive up to \$1,500 in additional consideration if certain sales targets are achieved during calendar 2013, for which the Company initially recorded as part of purchase price a fair value estimate of \$1,122. During the three months ended September 30, 2013, the Company determined that RTD's sales were expected to be below initially estimated earn-out levels, as a result of changes in certain assumptions based on current economic and market conditions. Accordingly, the Company recorded fair value adjustments to decrease the acquisition earn-out liability by \$1,053 to \$108 at September 30, 2013. The RTD acquisition provided both operational and strategic synergies in that RTD adds to the Company's temperature portfolio with a presence in the motor/generator market serving all of the major OEMs in that space, as well as custom temperature sensors for factory automation, medical and general industrial markets. The Company's accounting for the RTD acquisition is as follows:

Assets:	
Cash	\$50
Accounts receivable	2,431
Inventory	2,052
Prepaid and other	17
Plant and equipment	1,232
Acquired intangible assets	8,465
Goodwill	5,137
Total purchase price	19,384
Accounts payable	(979)
	18,405
Accrued earn-out contingency	(1,122)
Cash paid	\$17,283

**Spectrum:** On April 17, 2013, the Company acquired the capital stock of Spectrum Sensors and Controls, Inc. (“Spectrum”), a leader in the design and manufacture of custom temperature probes, high reliability encoders and inertial sensors, from API Technologies Corp. for approximately \$51,408 in cash from a combination of available cash on hand and from borrowings under the Company’s Senior Secured Credit Facility. The purchase price was subsequently decreased by \$224 based on final calculations of established working capital levels. For the six months ended September 30, 2013, approximately \$12,464 in net sales, approximately \$1,306 in net income and approximately \$275 in transaction related costs were recorded as a component of selling, general and administrative expenses related to Spectrum in the Company’s consolidated condensed financial statements. Due to the recent timing of the Spectrum acquisition, the accounting for the acquisition is subject to certain adjustments for, among other items, inventory, fixed assets, acquired intangible assets and income taxes, and will be finalized within the permitted measurement period. The Company’s preliminary accounting for the Spectrum acquisition is as follows:

Assets:	
Cash	\$34
Accounts receivable	3,116
Inventory	5,258
Prepaid and other	98
Plant and equipment	1,198
Acquired intangible assets	23,575
Goodwill	22,878
Total assets	56,157
Liabilities:	
Accounts payable	(1,303)
Accrued expenses	(411)
Deferred income taxes	(3,260)
Total liabilities	(4,974)
Total purchase price	\$51,183

**Sensotherm:** On August 30, 2013, the Company acquired the capital stock of Sensotherm Temperatursensorik GmbH, a German limited liability company and Secon Kft., a Hungarian limited liability company (together, “Sensotherm”), a leader in the design and manufacture of platinum (Pt) thin film temperature sensors for approximately €4,900 or approximately \$6,600 in cash from available cash on hand. For the six months ended September 30, 2013, approximately \$241 in net sales, approximately \$55 in net loss and approximately \$157 in transaction related costs were recorded as a component of selling, general and administrative expenses related to Sensotherm in the Company’s consolidated condensed financial statements. Due to the recent timing of the Sensotherm acquisition, the

accounting for the acquisition is subject to certain adjustments for, among other items, inventory, fixed assets, acquired intangible assets and income taxes, and will be finalized within the permitted measurement period. The Company's preliminary accounting for the Sensotherm acquisition is as follows:

Assets:	
Cash	\$275
Accounts receivable	452
Inventory	550
Prepaid and other	69
Plant and equipment	1,226
Acquired intangible assets	6,668
Goodwill	928
Total assets	10,168

Liabilities:	
Accounts payable	(284)
Accrued expenses	(336)
Capital lease obligation	(594)
Income taxes payable	(281)
Deferred income taxes	(2,099)
Total liabilities	(3,594)

Total purchase price and cash paid at close 6,574

**Acquired intangible assets:** In connection with all acquisitions, the Company acquired certain identifiable intangible assets, including customer relationships, proprietary technology, patents, trade-names, order backlogs and covenants-not-to-compete.

The gross amounts and accumulated amortization, along with the range of amortizable lives, are as follows:

	Weighted-Average Life in years	September 30, 2013			March 31, 2013		
		Gross Amount	Accumulated Amortization	Net	Gross Amount	Accumulated Amortization	Net
Amortizable intangible assets:							
Customer relationships	13	\$ 96,141	\$ (30,309)	\$ 65,832	\$ 68,723	\$ (26,331)	\$ 42,392
Patents	15	4,144	(2,226)	1,918	3,981	(2,006)	1,975
Tradenames	2	2,735	(2,693)	42	2,572	(2,536)	36
Backlog	1	6,451	(6,011)	440	5,407	(5,407)	-
Covenants-not-to-compete	3	1,354	(1,198)	156	1,321	(1,143)	178
Proprietary technology	14	19,329	(5,129)	14,200	15,706	(4,270)	11,436
		\$ 130,154	\$ (47,566)	\$ 82,588	\$ 97,710	\$ (41,693)	\$ 56,017

Amortization expense for acquired intangible assets for the three months ended September 30, 2013 and 2012 was \$2,402 and \$1,987, respectively, and amortization expense for acquired intangible assets for the six months ended September 30, 2013 and 2012 was \$4,648 and \$3,997. Annual amortization expense for the years ending September 30 is estimated as follows:

Year	Amortization Expense
2014	\$ 9,501
2015	8,928
2016	8,651

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2017	8,369
2018	6,649
Thereafter	40,490
	\$ 82,588

**Pro forma Financial Data (Unaudited):** The following represents the Company's pro forma consolidated condensed net sales and net income for the three and six months ended September 30, 2013 and 2012, based on purchase accounting information assuming the RTD, Spectrum and Sensotherm acquisitions occurred as of April 1, 2012, giving effect to purchase accounting adjustments. The pro forma data is for informational purposes only and may not necessarily reflect results of operations had the acquired companies been operated as part of the Company since April 1, 2012.

	Three months ended September 30,		Six months ended September 30,	
	2013	2012	2013	2012
Net sales	\$ 103,358	\$ 95,220	\$ 210,121	\$ 191,313
Net income	\$ 10,081	\$ 11,810	\$ 20,317	\$ 22,080
Net income per share:				
Basic	\$ 0.64	\$ 0.77	\$ 1.29	\$ 1.44
Diluted	\$ 0.61	\$ 0.73	\$ 1.23	\$ 1.37

## 7. FAIR VALUE MEASUREMENTS:

Accounting standards define fair value based on an exit price model, establish a framework for measuring fair value where the Company's assets and liabilities are required to be carried at fair value and provide for certain disclosures related to the valuation methods used within a valuation hierarchy as established within the accounting standards. This hierarchy prioritizes the inputs into three broad levels as follows. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities. Level 2 inputs are quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets in markets that are not active, or other observable characteristics for the asset or liability, including interest rates, yield curves and credit risks, or inputs that are derived principally from or corroborated by observable market data through correlation. Level 3 inputs are unobservable inputs based on the Company's assumptions. A financial asset or liability's classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The Company's assessment of the significance of a particular input to the fair value measurement requires judgment, and may affect the valuation of fair value of assets and liabilities and their placement within the fair value hierarchy levels.

A summary of financial assets and liabilities that are measured at fair value on a recurring basis as of September 30, 2013 and March 31, 2013 are as follows:

	Quoted prices in active markets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)	Total
September 30, 2013				
Assets:				
Foreign currency exchange contracts	\$ -	\$ 349	\$ -	\$ 349
Liabilities:				
Acquisition earn-out contingencies	-	-	108	108
March 31, 2013				

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Assets:

Foreign currency exchange contracts	\$ -	\$ 82	\$ -	\$ 82
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Liabilities:

Acquisition earn-out contingencies	-	-	1,122	\$ 1,122
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The table below provides a reconciliation of the fair value of the acquisition earn-out contingencies measured on a recurring basis for which the Company has designated as Level 3:

Beginning April 1, 2013	\$ 1,122
Changes in fair value	(1,053)
Interest	39
Balance at September 30, 2013	\$ 108



The foreign currency exchange contracts do not qualify for hedge accounting, and as a result, changes in the fair value of the currency forwards are reflected in the accompanying consolidated condensed statements of operations. The fair value of the Company's foreign currency contracts was based on Level 2 measurements in the fair value hierarchy. The fair value of the foreign currency contracts is based on forward exchange rates relative to current exchange rates which were obtained from independent financial institutions reflecting market quotes. The fair value of the acquisition earn-out contingencies is determined using a modeling technique based on significant unobservable inputs calculated using a discounted future cash flows approach. Key assumptions include discount rates for present value factor of 16% for Eureka, 3.3% for Gentech and 10% for RTD, which are based on industry specific weighted average cost of capital, adjusted for, among other things, time and risk, as well as annual earnings before interest, taxes, depreciation and amortization of \$1,039 for Eureka and annual revenues of £10,800 for Gentech and forecasted annual revenues of \$16,000 for RTD over the life of the earn-outs. The estimated fair value of acquisition earn-out contingencies could differ significantly from actual amounts. Adjustments to the fair value of earn-outs are recorded to earnings with that portion of the adjustment relating to the time value of money as interest expense and the non-interest portion of the change in earn-outs as a component of selling, general and administrative expenses. During the three months ended September 30, 2013, the Company determined that RTD's sales were expected to be below initially estimated earn-out levels, as a result of changes in certain assumptions based on current economic and market conditions. Accordingly, the Company recorded fair value adjustments to decrease the acquisition earn-out liability for RTD by \$1,053 to \$108 at September 30, 2013.

There were no transfers between Level 1, Level 2 and Level 3 of the fair value hierarchy during the six months ended September 30, 2013.

**Fair Value of Financial Instruments:** In addition to the fair value disclosure requirements related to financial instruments carried at fair value, accounting standards require interim disclosures regarding the fair value of all of the Company's financial instruments. The methods and significant assumptions used to estimate the fair value of financial instruments and any changes in methods or significant assumptions from prior periods are also required to be disclosed.

The fair values and carrying amounts of other financial instruments as of September 30, 2013 and March 31, 2013 are as follows:

	September 30, 2013		March 31, 2013	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Assets:				
Promissory note receivable	\$ 750	\$ 750	\$ -	\$ -
Liabilities:				
Short-term borrowings and notes payable				
Capital leases	602	602	28	28
Revolver	114,000	114,000	78,000	78,000
Term debt	20,203	20,203	20,288	20,288

For promissory note receivable, promissory notes payable, capital lease obligations, and long-term debt, the fair value is determined as the present value of expected future cash flows discounted at the current interest rate, which approximates rates currently offered by lending institutions for loans of similar terms and comparable maturities to companies with comparable credit risk. These are considered Level 2 inputs. The fair value of the revolver approximates carrying value due to the variable interest nature of the debt. There were no changes in the methods or significant assumptions to estimate fair value of the Company's financial instruments from prior periods.

Certain assets and liabilities are measured at fair value on a nonrecurring basis after initial recognition. That is, the assets and liabilities are not measured at fair value on an ongoing basis but are subject to fair value adjustments in certain circumstances, for example, when there is evidence of impairment. No circumstances were identified, including evidence of impairment, during the six months ending September 30, 2013. However, the Company determined there were triggering events requiring an impairment analysis for asset held for sale for which the Company recorded impairment charges of \$489 during the three months ended September 30, 2012. The inputs utilized in the analysis are classified as Level 2 inputs within the fair value hierarchy as defined in the related accounting standards for fair value measurements and disclosures.

**Derivative instruments and risk management:** The Company is exposed to market risks from changes in interest rates, commodities, credit and foreign currency exchange rates, which could impact its results of operations and financial condition. The Company attempts to address its exposure to these risks through its normal operating and financing activities. In addition, the Company's relatively broad-based business activities help to reduce the impact that volatility in any particular area or related areas may have on its operating results as a whole. Readers should refer to Note 6 in the Annual Report for the fiscal year ended March 31, 2013 for additional information related to the Company's exposures to market risks for interest rates, commodities and credit.

**Foreign Currency Exchange Rate Risk:** Foreign currency exchange rate risk arises from the Company's investments in subsidiaries owned and operated in foreign countries, as well as from transactions with customers in countries outside the U.S. and transactions denominated in currencies other than the applicable functional currency.

Although the Company has a U.S. dollar functional currency for reporting purposes, it has manufacturing and operating sites throughout the world and a large portion of its sales are generated in foreign currencies. A substantial portion of the Company's revenue is priced in U.S. dollars, and most of its costs and expenses are priced in U.S. dollars, with the remaining priced in Chinese RMB, Euros, Swiss francs and British pounds. Sales by subsidiaries operating outside of the United States are translated into U.S. dollars using exchange rates effective during the respective period. As a result, the Company is exposed to movements in the exchange rates of various currencies against the U.S. dollar. Accordingly, the competitiveness of its products relative to products produced locally (in foreign markets) may be affected by the performance of the U.S. dollar compared with that of our foreign customers' currencies. Refer to Note 11, Segment Information, for details concerning net sales invoiced from our facilities within the U.S. and outside of the U.S., as well as long-lived assets. Therefore, both positive and negative movements in currency exchange rates against the U.S. dollar will continue to affect the reported amount of sales, profit, and assets and liabilities in the Company's consolidated condensed financial statements.

During the six months ended September 30, 2013, the RMB appreciated approximately 2.1% relative to the U.S. dollar. The RMB appreciated approximately 0.7% and 3.6%, respectively, relative to the U.S. dollar during fiscal 2013 and 2012. The Chinese government no longer pegs the RMB to the U.S. dollar, but established a currency policy letting the RMB trade in a narrow band against a basket of currencies. The Company has more expenses in RMB than sales (i.e., short RMB position), and as such, if the U.S. dollar weakens relative to the RMB, our operating profits will decrease. We continue to consider various alternatives to hedge this exposure, and we are attempting to manage this exposure through, among other things, forward purchase contracts, pricing and monitoring balance sheet exposures for payables and receivables.

The Company uses foreign currency forward exchange contracts in Asia for the purposes of hedging the Company's short-position exposure to the RMB. At September 30, 2013, the Company has a number of RMB/U.S. dollar currency contracts with notional amounts totaling \$15,400 and exercise dates through September 30, 2014 at average exchange rates of 0.1580 (RMB to U.S. dollar conversion rate). With the RMB/U.S. dollar contracts, for every 10 percent depreciation of the RMB, the Company would be exposed to approximately \$1,540 in additional foreign currency exchange losses. Since these derivatives are not designated as hedges for accounting purposes, changes in their fair value are recorded in results of operations, not in other comprehensive income. To manage our exposure to potential foreign currency transaction and translation risks, we may purchase additional foreign currency exchange forward contracts, currency options, or other derivative instruments, provided such instruments may be obtained at suitable prices.

Fair values of derivative instruments not designated as hedging instruments are as follows:

Financial position:	September 30, 2013	March 31, 2013	Location
	\$ 349	\$ 82	Other assets

Foreign currency contracts -  
RMB

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The effect of derivative instruments not designated as hedging instruments on the statements of operations for the three and six months ended September 30, 2013 and 2012 and statements of cash flows for the six months ended September 30, 2013 and 2012 are as follows:

Results of operations:	Three months ended September 30,		Six months ended September 30,		Location
	2013	2012	2013	2012	
Foreign currency contracts - RMB	\$ (179)	\$ (14)	\$ (464)	\$ 213	Foreign currency exchange loss (gain)
Total	\$ (179)	\$ (14)	\$ (464)	\$ 213	

  

Cash flows from operating activities: Source (Use)	Six months ended September 30,		Location
	2013	2012	
Foreign currency exchange contracts - RMB	\$ 200	\$ (7)	Prepaid expenses (Accrued expenses)
Total	\$ 200	\$ (7)	

## 8. LONG-TERM DEBT:

**Long-term debt and revolver:** The Company entered into a Credit Agreement (the "Senior Secured Credit Facility") dated June 1, 2010, among JPMorgan Chase Bank, N.A., as administrative agent and collateral agent (in such capacity, the "Senior Secured Facility Agents"), Bank America, N.A., as syndication agent, HSBC Bank USA, N.A., as document agent, and certain other parties thereto (the "Credit Agreement") to refinance the Amended and Restated Credit Agreement effective as of April 1, 2006 among the Company, General Electric Capital Corporation ("GE"), as agent and a lender, and certain other parties thereto and to provide for the working capital needs of the Company including to effect permitted acquisitions.

The Senior Secured Credit Facility, as amended, consists of a \$185,000 revolving credit facility (the "Revolving Credit Facility") with a \$75,000 accordion feature enabling expansion of the Revolving Credit Facility to \$260,000. The Revolving Credit Facility has a variable interest rate based on the LIBOR, EURIBOR or the ABR Rate (prime based rate) with applicable margins ranging from 1.25% to 2.00% for LIBOR and EURIBOR based loans or 0.25% to 1.00% for ABR Rate loans. The applicable margins may be adjusted quarterly based on a change in the leverage ratio of the Company. The Senior Secured Credit Facility also includes the ability to borrow in currencies other than U.S. dollars, such as the Euro and Swiss Franc, up to \$66,000, none of which was utilized at September 30, 2013. Commitment fees on the unused balance of the Revolving Credit Facility range from 0.25% to 0.375% per annum of the average amount of unused balances. The Revolving Credit Facility will expire on November 8, 2016 and all balances outstanding under the Revolving Credit Facility will be due on such date. The Company has provided a security interest in substantially all of the Company's U.S. based assets as collateral for the Senior Secured Credit Facility and private placement of credit facilities entered into by the Company from time to time not to exceed \$50,000, including the Prudential Shelf Facility (as defined below). The Senior Secured Credit Facility includes an inter-creditor arrangement with Prudential and is on a *pari passu* (equal force) basis with the Prudential Shelf Facility.

As of September 30, 2013, the Company utilized the LIBOR based rate for \$114,000 of the Revolving Credit Facility. The weighted average interest rate applicable to borrowings under the Revolving Credit Facility was approximately 1.7% at September 30, 2013. As of September 30, 2013, the outstanding borrowings on the Revolving Credit Facility, which is classified as non-current, were \$114,000. The Company's borrowing capacity is limited by financial covenant ratios, including earnings ratios, and as such, our borrowing capacity is subject to change. At September 30, 2013, the

Company could have borrowed an additional \$71,000 under the Revolving Credit Facility.

On June 1, 2010, the Company entered into a Master Shelf Agreement (the "Prudential Shelf Facility") with Prudential Investment Management, Inc. ("Prudential") whereby Prudential agreed to purchase up to \$50,000 of senior secured notes (the "Senior Secured Notes") issued by the Company. Prudential purchased two Senior Secured Notes each for \$10,000 and the remaining \$30,000 of such Senior Secured Notes may be purchased at the discretion of Prudential or one or more of its affiliates upon the request of the Company. The Prudential Shelf Facility has a fixed interest rate of 5.70% and 6.15% for each of the two \$10,000 Senior Secured Notes issued by the Company and the Senior Secured Notes issued thereunder are due on June 1, 2015 and 2017, respectively. The Prudential Shelf Facility includes specific financial covenants for maximum total leverage ratio and minimum fixed charge coverage ratio consistent with the Senior Secured Credit Facility, as well as customary representations, warranties, covenants and events of default. The Prudential Shelf Facility includes an inter-creditor arrangement with the Senior Secured Facility Agents and is on a *pari passu* (equal force) basis with the Senior Secured Facility.

The Company was in compliance with its debt covenants at September 30, 2013.

**Deferred financing costs:** Amortization of deferred financing costs totaled \$85 and \$70 for the three months ended September 30, 2013 and 2012, respectively, and amortization of deferred financing costs totaled \$171 and \$140 for the six months ended September 30, 2013 and 2012, respectively. Annual amortization expense of deferred financing costs associated with the refinancing is estimated to be approximately \$342.

**Chinese credit facility:** On November 3, 2009, the Company's subsidiary in China ("MEAS China") entered into a two year credit facility agreement (the "China Credit Facility") with China Merchants Bank Co., Ltd ("CMB"). On December 23, 2011, MEAS China renewed the China Credit Facility and extended the expiration to November 25, 2013. The Company expects to renew the China Credit Facility with similar terms during the third quarter of fiscal 2014. The China Credit Facility permits MEAS China to borrow up to RMB 68,000 (approximately \$11,000). Specific covenants include customary limitations, compliance with laws and regulations, use of proceeds for operational purposes, and timely payment of interest and principal. MEAS China has pledged its Shenzhen facility to CMB as collateral. The interest rate will be based on the London Inter-bank Offered Rate ("LIBOR") plus a LIBOR spread, depending on the term of the loan when drawn. The purpose of the China Credit Facility is primarily to provide additional flexibility in funding operations of MEAS China. At September 30, 2013, MEAS China had not borrowed any amounts under the China Credit Facility.

**European credit facility:** On July 21, 2010, the Company's subsidiary in France ("MEAS Europe") entered into a five year credit facility agreement (the "European Credit Facility") with La Societe Bordelaise de Credit Industriel et Commercial ("CIC"). The European Credit Facility permits MEAS Europe to borrow up to €2,000 (approximately \$2,600). Specific covenants include certain financial covenants for maximum leverage ratio and net debt to equity ratio, as well as customary limitations, compliance with laws and regulations, use of proceeds, and timely payment of interest and principal. MEAS Europe has pledged its Les Clayes-sous-Bois, France facility to CIC as collateral. The interest rate is based on the EURIBOR interest rate plus a spread of 1.8%. The EURIBOR interest rate will vary depending on the term of the loan when drawn. The purpose of the European Credit Facility is primarily to provide additional flexibility in funding operations of MEAS Europe. At September 30, 2013, MEAS Europe had not borrowed any amounts under the European Credit Facility.

**Long-term debt and promissory notes:** Below is a summary of the long-term debt and promissory notes outstanding at September 30, 2013 and March 31, 2013:

	September 30, 2013	March 31, 2013
Term notes at 5.70% due in full on June 1, 2015	\$ 10,000	\$ 10,000
Term notes at 6.15% due in full on June 1, 2017	10,000	10,000
Governmental loans from French agencies at no interest and payable based on R&D expenditures	203	288
	20,203	20,288
Less current portion of long-term debt	203	224
	\$ 20,000	\$ 20,064

The annual principal payments of long-term debt, promissory notes and revolver as of September 30, 2013 are as follows:

Years ending September 30,	Term	Other	Subtotal	Revolver	Total
2014	\$ -	\$ 203	\$ 203	\$ -	\$ 203
2015	10,000	-	10,000	-	10,000
2016	-	-	-	-	-
2017	10,000	-	10,000	114,000	124,000
2018	-	-	-	-	-
Total	\$ 20,000	\$ 203	\$ 20,203	\$ 114,000	\$ 134,203

## 9. RESTRUCTURINGS AND ASSET HELD FOR SALE:

### Restructurings:

As part of the Company's ongoing efforts to review its business for opportunities to reduce operating expenses and leverage core competencies, the Company is consolidating all of the Company's manufacturing operations in Scotland to other MEAS sites. This restructuring includes initiatives designed to centralize certain operating activities, and is expected to, among other things, improve operational efficiencies and performance. This restructuring could change but is expected to be implemented over the next 6 to 18 months. Costs associated with this restructuring will include payments for severance charges, costs for termination of benefits and other related activities, in addition to possible contract termination. The announcement to employees for the closure of the facility in Scotland was made in March 2013. At September 30, 2013, the liability for estimated severance costs related to the facility closure in Scotland was approximately \$750, and the Company expects to incur additional costs for the Scottish restructuring of approximately \$800 during the next six to eighteen months.

The following details the accrued restructuring reserves and activity for the Scottish restructuring at September 30, 2013:

	Balance as of April 1, 2013	Restructuring costs	Payments	Balance as of September 30, 2013
Employee severance and termination of benefits cost	\$ 396	\$ 421	\$ (67)	\$ 750
	\$ 396	\$ 421	\$ (67)	\$ 750

Restructuring provisions are determined based on estimates prepared at the time the restructuring actions are approved by management, and are periodically updated for changes and also include amounts recognized as incurred.

**Asset Held for Sale and Impairment of Asset Held for Sale:** The Company completed the consolidation of the former Pressure Systems, Inc. ("PSI") facility into the existing MEAS Hampton facility during the quarter ended June 30, 2012. The former PSI facility was no longer utilized for manufacturing and was held for sale. Accordingly, the former PSI facility was classified as an asset held for sale in the consolidated balance sheet, since it met the held for sale criteria under the applicable accounting guidelines. During the three months ended September 30, 2012, the Company determined there were triggering events requiring an impairment analysis for asset held for sale for which the Company recorded impairment charges of \$489. On September 25, 2013, the Company sold the asset held for sale for \$1,000, consisting of \$181 in cash, net of \$69 in costs to sell, and a seven-year 5% interest bearing promissory



note receivable for \$750. The promissory note is secured by the former PSI facility and final payment is due on September 1, 2020. The carrying value of the former PSI facility was \$940, which approximated fair value less cost to sell.

**10. COMMITMENTS AND CONTINGENCIES:**

**Litigation:**

*Pending Legal Matters*

There are currently no material pending legal proceedings. From time to time, the Company is subject to legal proceedings and claims in the ordinary course of business. The Company currently is not aware of any such legal proceedings or claims that the Company believes will have, individually or in the aggregate, a material adverse effect on the Company's business, financial condition, or operating results.

**Contingency:** Exports of technology necessary to develop and manufacture certain of the Company's products are subject to U.S. export control laws and similar laws of other jurisdictions, and the Company may be subject to adverse regulatory consequences, including government oversight of facilities and export transactions, monetary penalties and other sanctions for violations of these laws. In certain instances, these export control regulations may prohibit the Company from developing or manufacturing certain of its products for specific end applications outside the United States. In late May 2009, the Company became aware that certain of its piezo products when designed or modified for use with or incorporation into a defense article are subject to the International Traffic in Arms Regulations ("ITAR") administered by the United States Department of State. Certain technical data relating to the design of the products may have been exported to China without authorization from the U.S. Department of State. As required by the ITAR, the Company conducted a thorough investigation into the matter. Based on the investigation, the Company filed in December 2009 a final voluntary disclosure with the U.S. Department of State relating to that matter, as well as to exports and re-exports of other ITAR-controlled technical data and/or products to Canada, India, Ireland, France, Germany, Italy, Israel, Japan, the Netherlands, South Korea, Spain and the United Kingdom, which disclosure has since been supplemented. In the course of the investigation, the Company also became aware that certain of its products may have been exported from France without authorization from the relevant French authorities. The Company investigated this matter thoroughly. In December 2009, it also voluntarily submitted to French customs authorities a list of products that may have required prior export authorization, which has since been supplemented to exclude certain products. The French authorities have confirmed no fine or penalty associated with the French export issues will be imposed because the French authorities consider the matter closed and the period of time for enforcement under the French statute of limitations expired in December 2012. The Company has taken steps to mitigate the impact of the potential ITAR violations, and we have strengthened our export-related controls and procedures. The U.S. Department of State and other regulatory authorities encourage voluntary disclosures and generally afford parties mitigating credit for submitting such voluntary disclosures. The Company nevertheless could be subject to potential regulatory consequences related to the possible ITAR violations ranging from a no-action letter, government oversight of facilities and export transactions, monetary penalties, and in extreme cases, debarment from government contracting, denial of export privileges and/or criminal penalties. It is not possible at this time to predict the precise timing or probable outcome of any potential regulatory consequences related to the possible ITAR violations. Moreover, due to the unpredictable nature of the probable outcome of the voluntary proceedings before the State Department, the Company cannot make a reasonable estimate of the possible loss or range of losses at this time. Since fiscal 2009, the Company has incurred approximately \$575 in legal fees associated with the French customs and ITAR matters.

**Acquisition Earn-Outs:** The Company has earn-out contingencies in connection with the acquisitions of Eureka, Gentech and RTD. At September 30, 2013 and March 31, 2013, no amounts were recorded for the acquisition earn-out liabilities for Eureka and Gentech, because the Company's assessment indicates that Eureka's earnings and Gentech's sales are not expected to reach earn-out levels. The acquisition earn-out liability for RTD totaled \$108 at September 30, 2013. The estimates of the fair values for the Eureka, Gentech and RTD earn-out liabilities are less than the potential earn-out amounts and are based on certain assumptions. Actual earn-out amounts could differ significantly and changes to these estimates will be recorded to earnings in future periods.

## **11. SEGMENT INFORMATION:**

The Company continues to have one reporting segment, a sensor business, under applicable accounting guidelines for segment reporting. For a description of the products and services of the Sensor business, see Note 1. Management continually assesses the Company's operating structure, and this structure could be modified further based on future circumstances and business conditions.



Geographic information for revenues based on country from which invoiced and long-lived assets based on country of location, which includes property, plant and equipment, but excludes intangible assets and goodwill, net of related depreciation and amortization follows:

	Three months ended September 30,		Six months ended September 30,	
	2013	2012	2013	2012
Net Sales:				
United States	\$ 44,899	\$ 32,868	\$ 88,020	\$ 65,963
France	17,365	16,060	34,336	31,305
Germany	5,105	3,938	9,330	7,532
Ireland	7,071	7,226	14,721	14,588
Switzerland	4,935	3,990	9,911	8,145
Scotland	3,058	2,943	5,756	6,805
China	20,439	20,733	41,311	42,033
Total:	\$ 102,872	\$ 87,758	\$ 203,385	\$ 176,371

	September 30, 2013		March 31, 2013	
Long Lived Assets:				
United States	\$ 10,544	\$ 9,292		
France	19,038	17,940		
Germany	4,230	2,937		
Ireland	3,154	3,039		
Switzerland	2,602	2,910		
Scotland	285	342		
China	31,593	27,869		
Total:	\$ 71,446	\$ 64,329		

## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

(Amounts in thousands, except per share data)

### Information Relating To Forward-Looking Statements

This report includes forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended. Certain information included or incorporated by reference in this Quarterly Report, in press releases, written statements or other documents filed with or furnished to the Securities and Exchange Commission ("SEC"), or in our communications and discussions through webcasts, phone calls, conference calls and other presentations and meetings, may be deemed to be "forward-looking statements" within the meaning of the federal securities laws. All statements other than statements of historical fact are statements that could be deemed forward-looking statements, including statements regarding: projections of revenue, margins, expenses, tax provisions (or tax benefits), earnings or losses from operations, cash flows, synergies or other financial items; plans, strategies and objectives of management for future operations, including statements relating to potential acquisitions, executive compensation and purchase commitments; developments, performance or industry or market rankings relating to products or services; future economic conditions or performance; future compliance with debt covenants; expectations concerning estimated fair value of acquisition earn-out contingencies; the outcome of outstanding claims or legal proceedings; assumptions underlying any of the foregoing; and any other statements that address activities, events or developments that Measurement Specialties, Inc. ("MEAS," the "Company," "we," "us," "our") intends, expects, projects, believes or anticipates will or may occur in the future. Forward-looking statements may be characterized by terminology such as "forecast," "believe," "anticipate," "should," "would," "intend," "plan," "will," "expects," "estimates," "positioned," "strategy," and similar expressions. These statements are based on assumptions and assessments made by

our management in light of their experience and perception of historical trends, current conditions, expected future developments and other factors they believe to be appropriate.

Any such forward-looking statements are not guarantees of future performance and involve a number of risks and uncertainties, many of which are beyond our control. Actual results, developments and business decisions may differ materially from those envisaged by such forward-looking statements. These forward-looking statements speak only as of the date of the report, press release, statement, document, webcast or oral discussion in which they are made. Factors that might cause actual results to differ materially from the expected results described in or underlying our forward-looking statements include:

- Conditions in the general economy, including risks associated with the current financial markets and worldwide economic conditions and demand for products that incorporate our products;
- Competitive factors, such as price pressures and the potential emergence of rival technologies;
- Compliance with export control laws and regulations;
- Fluctuations in foreign currency exchange and interest rates;
- Interruptions in supply chain, distribution systems, suppliers' operations or the refusal of our suppliers to provide us or our customers with component materials, particularly in light of the current economic conditions, natural or man-made disasters and potential for suppliers to fail;
- Timely development, market acceptance and warranty performance of new products;
- Changes in product mix, costs and yields;
- Uncertainties related to doing business in Europe and China;
- Uncertainties related to restructurings, plant closures and consolidation of operations;
- Legislative initiatives, including tax legislation and other changes in the Company's tax position;
- Legal proceedings;
- Product liability, warranty and recall claims;
- Compliance with debt covenants, including events beyond our control;
- Conditions in the credit markets, including our ability to raise additional funds;
- Adverse developments in industries and other markets served by us;
- Changes in estimated fair value of acquisition earn-out contingencies due to changes in assumptions and expected results of applicable financial criteria; and
- The risk factors listed from time to time in the reports we file with the SEC, including those described below under "Item 1A. Risk Factors" in this Quarterly Report on Form 10-Q.

This list is not exhaustive. Except as required under federal securities laws and the rules and regulations promulgated by the SEC, we do not intend to update publicly any forward-looking statements after the filing of this Quarterly Report on Form 10-Q, whether as a result of new information, future events, changes in assumptions or otherwise.

## Overview

Measurement Specialties, Inc. is a global leader in the design, development and manufacture of sensors and sensor-based systems for OEM and end users, based on a broad portfolio of proprietary technology and typically characterized by the MEAS brand name. We are a global business and we believe we have a high degree of diversity when considering our geographic reach, broad range of products, number of end-use markets and breadth of customer base. The Company is a multi-national corporation with eighteen primary manufacturing facilities strategically located in the United States, China, France, Ireland, Germany, and Switzerland, enabling the Company to produce and market globally a wide range of sensors that use advanced technologies to measure precise ranges of physical characteristics. These sensors are used for engine and vehicle, medical, general industrial, consumer and home appliance, military/aerospace, environmental water monitoring, and test and measurement applications. The Company's products include sensors for measuring pressure, linear/rotary position, force, torque, piezoelectric polymer film sensors, custom microstructures, load cells, vibrations and acceleration, optical absorption, humidity, gas concentration, gas flow rate, temperature, fluid properties and fluid level. The Company's advanced technologies include piezo-resistive silicon, polymer and ceramic piezoelectric materials, application specific integrated circuits, MEMS, foil strain gauges, electromagnetic force balance systems, fluid capacitive devices, linear and rotational variable differential transformers, anisotropic magneto-resistive devices, electromagnetic displacement sensors, hygroscopic capacitive structures, ultrasonic measurement systems, optical measurement systems, negative thermal coefficient ("NTC") ceramic sensors, 3-6 DOF (degree of freedom) force/torque structures, complex mechanical resonators, magnetic reed switches, high frequency multipoint scanning algorithms and high precision submersible hydrostatic level detection. We compete in growing global market segments driven by demand for products that are smarter, safer, more energy-efficient, and environmentally-friendly. We deliver a strong value proposition to our customers through our willingness to customize sensor solutions, leveraging our innovative portfolio of core technologies and exploiting our low-cost manufacturing model based on our 18 year presence in China.

## Executive Summary

Our vision is to be the supplier of choice to OEMs and select end-users for all their physical sensing needs. To that end, MEAS continues to expand our market position as a leading global sensor supplier. Over the past ten fiscal years, the Compounded Annual Growth Rate ("CAGR") of our sales of 21% has exceeded overall market increases. The Company's strong recovery since fiscal 2010 reflects the positive returns from our significant investments in research and development for new programs and the approximately \$334,000 invested since June 2004 through September 2013 in our 22 acquisitions, expanding our product offerings and geographic reach.

The Company remains focused on creating long-term shareholder value through continued development of innovative technologies and strengthening our market position by expanding customer relationships. To accomplish this goal, we continue to take measures we believe will result in sales performance in excess of the overall market and generation of positive adjusted earnings before interest, tax, foreign currency exchange gains or losses, depreciation and amortization ("Adjusted EBITDA"). A core tenant of our long-term strategy to increase profitability is to grow the size and scale of the Company in order to improve our leverage of SG&A expenses. Accordingly, we believe we can achieve 20% Adjusted EBITDA Margin (Adjusted EBITDA as a percent of Net Sales) in fiscal 2014 and improve this metric as we grow sales at a higher rate than costs in fiscal 2015 and beyond. Adjusted EBITDA Margin is a non-GAAP financial measure and we direct the reader to the Quarterly Net Sales and Quarterly Adjusted EBITDA table on page 27 for an explanation of the calculation of Adjusted EBITDA Margin. We have implemented aggressive actions to position the Company for future growth in sales and profitability. As part of these continued measures to improve profitability, the Company is consolidating all of the Company's manufacturing operations in Scotland to other MEAS sites. The Company expects to record approximately \$1,600 in restructuring charges associated with the restructuring of its Scotland operations; however, the Company expects to realize annual cost efficiencies as a result of the Scotland and other restructurings in Europe of approximately \$4,000 beginning in fiscal 2015, of which approximately \$1,600 relate to the restructuring in Scotland. For a further discussion concerning the

restructuring, please refer to Note 9 to the Consolidated Condensed Financial Statements. We believe we continue to have one of the strongest product development pipelines in the history of the Company, which we expect to lay the foundation for future sales growth. Research and development will continue to play a key role in our efforts to maintain product innovations for new sales and to improve profitability. Our broad range of products and geographic diversity provide the Company with a variety of opportunities to leverage technology, products, manufacturing base and our financial performance.

Acquisitions are a key component of the Company's growth strategy. Consistent with this strategy, the Company made four acquisitions since April 1, 2012. On August 30, 2013, the Company acquired the capital stock of Sensotherm and Secon, a leader in the design and manufacture of platinum (Pt) thin film temperature sensors. On April 17, 2013, the Company acquired the capital stock of three Spectrum entities, a leader in the design and manufacture of custom temperature probes, high reliability encoders and inertial sensors. On October 1, 2012, the Company acquired certain assets of RTD, a designer and manufacturer of temperature sensors and probes based in Ham Lake, Minnesota. On April 2, 2012, the Company acquired the assets of Cosense, a Long Island, New York based manufacturer of ultrasonic sensors and switches used in semiconductor, medical, aerospace and industrial applications.



## Trends

There are a number of trends that we expect to materially affect our future operating results, including changing global economic conditions with the resulting impact on our sales, profitability, and capital spending, changes in foreign currency exchange rates relative to the U.S. dollar, shifts in our taxable income between tax jurisdictions and the resulting impact on our overall effective tax rate, changes in our debt levels and applicable interest rates, and prices of raw materials and other costs, such as labor. Additionally, our earnings could be impacted by changes in the fair value of acquisition earn-out contingencies and furthermore, sales and results of operations could be impacted by additional acquisitions and the impact of restructurings.

Overall, the Company expects solid sales growth for fiscal 2014, despite reductions in sales with our largest customer, Sensata, as a result of a contractual long-term in-sourcing arrangement. The impact of the contractual in-sourcing arrangement with Sensata in fiscal 2014 is expected to be a decrease of approximately \$5,000 in net sales. Additionally, many of our customers remain cautious due to challenging economic conditions. Including acquisitions made in fiscal 2013 and the recent Spectrum and Sensotherm acquisitions, the Company expects to generate sales of approximately \$408,000 to \$412,000 for fiscal 2014.

We remain positive with regard to sales contribution coming from product developments and expect solid contributions over the next several years driven by key development programs, including urea level/quality sensors, digital temperature sensors and new barometric pressure sensors. One key development program in particular relates to increased diesel emission standards. All diesel truck (and eventually passenger car) OEMs are migrating to selective catalytic reduction systems (SCR), which inject urea into the exhaust stream to reduce NOx emissions. We expect OEMs to implement urea quality sensors over the next three years in the U.S. In Europe, to achieve new standards set in Euro 6c in 2016, we believe EU OEMs will integrate urea quality monitoring (as well as push for continuous level in tank) as ways to improve system efficiency and close the monitoring/dosing loop. China is several years behind U.S. and EU emission standards, so requirements for urea quality in China should phase in after 2016.

Additionally, we expect the sensor market will continue to be a growth industry and perform well relative to the overall economy as a result of the increase in sensor content in various products across most end markets in the U.S., Europe and Asia. Sensor content continues to increase at a faster rate than overall product unit growth, as OEMs add “intelligence” in products across most market verticals to promote improved energy efficiency and cleaner technologies, to meet regulatory compliance requirements and to improve user safety and convenience.

The following graph details the Company's quarterly net sales and Adjusted EBITDA over the previous two years.

Adjusted EBITDA is a non-GAAP financial measure that is not in accordance with, or an alternative to, measures prepared in accordance with GAAP. The Company believes certain financial measures which meet the definition of non-GAAP financial measures provide important supplemental information. The Company considers Adjusted EBITDA an important financial measure because it provides a financial measure of the quality of the Company's earnings. Other companies may calculate Adjusted EBITDA differently than we do, which might limit its usefulness as a comparative measure. Adjusted EBITDA is used by management in addition to and in conjunction with the results presented in accordance with GAAP. Additionally, we believe quarterly Adjusted EBITDA provides the current run-rate for trending purposes rather than a trailing twelve month historical amount. The following table details quarterly net sales and also provides a non-GAAP reconciliation of quarterly Adjusted EBITDA to the applicable GAAP financial measures.

Quarter Ended	Net Sales	Quarterly Adjusted EBITDA*	Quarterly Adjusted EBITDA* Margin	Net income	Interest	Foreign Currency Exchange Loss (Gain)	Depreciation and Amortization	Income Taxes	Share-based Compensation	Other*
9/30/2011	\$ 73,243	\$ 13,685	19	% \$ 6,656	\$ 548	\$ (378)	\$ 3,581	\$ 1,630	\$ 1,254	\$ 394
12/31/2011	\$ 76,341	\$ 13,057	17	% \$ 4,695	\$ 806	\$ 27	\$ 4,847	\$ 1,187	\$ 1,162	\$ 333
3/31/2012	\$ 86,436	\$ 16,625	19	% \$ 8,345	\$ 642	\$ (222)	\$ 4,787	\$ 1,883	\$ 602	\$ 588
6/30/2012	\$ 88,613	\$ 17,155	19	% \$ 8,573	\$ 722	\$ 39	\$ 4,388	\$ 2,566	\$ 856	\$ 11
9/30/2012	\$ 87,758	\$ 17,671	20	% \$ 10,406	\$ 662	\$ 202	\$ 4,316	\$ 3,503	\$ 1,388	\$ (2,806)
12/31/2012	\$ 81,628	\$ 14,015	17	% \$ 6,096	\$ 688	\$ (7)	\$ 4,523	\$ 1,075	\$ 1,500	\$ 140
3/31/2013	\$ 88,969	\$ 16,168	18	% \$ 9,123	\$ 621	\$ (345)	\$ 4,659	\$ 1,202	\$ 989	\$ (81)
6/30/2013	\$ 100,512	\$ 19,105	19	% \$ 9,161	\$ 914	\$ 154	\$ 4,832	\$ 2,506	\$ 1,093	\$ 445
9/30/2013	\$ 102,872	\$ 21,006	20	% \$ 10,020	\$ 808	\$ 444	\$ 5,140	\$ 2,909	\$ 1,977	\$ (292)

\* - Adjusted EBITDA = Income from Continuing Operations before Interest, Foreign Currency Exchange Loss (Gain), Depreciation and Amortization, Income Taxes, Share-based Compensation and Other. Other represents legal fees incurred related to certain International Traffic in Arms Regulations matters, professional fees related to acquisitions, impairment of asset held for sale, restructuring and fair value adjustments to earn-out contingencies. Adjusted EBITDA Margin = Adjusted EBITDA divided by Net Sales. Adjusted EBITDA Margin is a non-GAAP financial measure that is not in accordance with, or an alternative to, measures prepared in accordance with GAAP. With regard to forward looking measures of Adjusted EBITDA and Adjusted EBITDA Margin, a reconciliation to the applicable GAAP financial measures is not provided because it is not available without unreasonable efforts. For the quarter ended September 30, 2012, professional fees were \$185, impairment of asset held for sale \$489, restructuring costs of \$242 and income from the fair value adjustments to earn-out contingencies was \$3,722. For the quarter ended September 30, 2013, professional fees were \$550, restructuring costs of \$211 and income from the fair value adjustments to earn-out contingencies was \$1,053.

The primary factors that impact our costs of sales include production and sales volumes, product sales mix, foreign currency exchange rates, changes in the price of raw materials, China wage rate increases and the impact of various cost control measures. Although we expect continued pressures on our gross margins given our expectation that costs, including raw material and labor costs, will increase, we expect an overall improvement in gross margins by 200 to 250 basis points over the next two years as a result of a number of factors, including product mix, largely due to lower Sensata sales and sales growth of other more profitable product lines, increased leverage of our fixed manufacturing overhead and the benefits from restructurings. As part of the Company's ongoing efforts to review our business for opportunities to reduce operating expenses and leverage core competencies, the Company is consolidating all of the Company's manufacturing operations in Scotland to other MEAS sites. The restructuring is expected to, among other things, improve operational efficiencies and performance. Certain aspects of the Scottish restructuring could change but is currently expected to be implemented over the next 6 to 18 months. Costs associated with this restructuring will include payments for severance charges, costs for termination of benefits and other related activities, in addition to possible contract termination costs, all of which will be reported in the statement of operations as restructuring costs. Total cumulative restructuring costs are expected to total approximately \$1,600. For a further discussion concerning the Scottish restructuring, please refer to Note 9 to the Consolidated Condensed Financial Statements. We expect our overall gross margins, excluding costs associated with the restructuring in Scotland, to range from approximately 41% to 43%, during fiscal 2014, though gross margins for certain quarters could be outside this expected range. As with all manufacturers, our gross margins are sensitive to the overall volume of business (i.e., economies of scale) in that certain costs are fixed. During the six months ended September 30, 2013, the RMB appreciated 2.1%, and for fiscals 2013 and 2012, the RMB appreciated approximately 0.7%, and 3.6%, respectively, relative to the U.S. dollar. There are indications this trend may continue in the near term. We estimate in 2014 for every 10% increase in the value of the RMB relative to the U.S. dollar, our gross margins decline by approximately \$3,805 or less than 1% of gross margin (gross profit divided by projected net sales).

Total selling, general and administrative expenses ("Total SG&A") as a percentage of net sales were higher in fiscal 2013 as compared to the prior year, mainly reflecting increases in acquisition related expenses and amortization of acquired intangible assets, as well as restructuring costs. Long-term, the Company plans to continue to control costs and leverage our SG&A expenses by growing sales at a higher rate than SG&A expenses. As a percent of sales, Total SG&A was approximately 29.6% during the six months ended September 30, 2013. For fiscal 2013 and 2012, Total SG&A expenses were approximately 29.3% and 28.7% of net sales, respectively. In 2014, we expect an increase in our SG&A expenses as a percentage of net sales mainly due to continued investment in R&D for new programs, increased amortization expense from recent acquisitions, restructuring costs and higher wage and benefit costs, including non-cash equity based compensation due to the annual award which was granted effective July 1, 2013 and incentive based compensation.

Included in Total SG&A is amortization expense related to intangible assets acquired in acquisitions. Amortization of acquired intangible assets and deferred financing costs have increased over the past three years mainly due to the acquisitions we have made. Amortization is disproportionately loaded more in the initial years of the acquisition, and therefore amortization expense is higher in the quarters immediately following a transaction, and declines in later years based on how various intangible assets are valued and the differing useful lives for which the respective intangible assets are amortized. For example, backlog is amortized over a period less than 1 year and patents are amortized over a weighted average life of 15 years. Amortization of acquired intangible assets for fiscal 2014 is expected to increase by approximately \$2,800 due to the recent Spectrum and Sensotherm acquisitions, based on preliminary fair value estimates, as well as assuming no significant changes in foreign currency exchange rates and no additional acquisitions in 2014.

In addition to margin exposure, the Company also has foreign currency exchange exposures related to balance sheet accounts. When foreign currency exchange rates fluctuate, there is a resulting revaluation of assets and liabilities denominated and accounted for in foreign currencies other than the subsidiary's functional currency, resulting in foreign currency exchange ("fx") losses or gains. For example, our Swiss company, which uses the Swiss franc or "CHF"

as its functional currency, holds cash denominated in foreign currencies, including the U.S. dollar and Euro. As the Swiss franc appreciates against the U.S. dollar and/or Euro, the cash balances held in those denominations are devalued when stated in terms of Swiss francs. These fx transaction gains and losses are reflected in our “Foreign Currency Exchange Gain or Loss.” Aside from cash, our foreign and domestic entities hold receivables and payables in foreign currencies. During the six months ended September 30, 2013, the Company recorded net fx losses of \$598 , which mainly reflects fx losses with the revaluation of U.S. dollar denominated assets in Europe resulting from the fluctuation of the Euro relative to the U.S. dollar and in Asia with the appreciation of the RMB relative to the U.S. dollar. We recorded net fx gains of \$110 and \$175 in 2013 and 2012, respectively. The Company does not hedge these U.S. dollar exposures with forward contracts or other derivatives because the U.S. dollar is the Company’s reporting and primary functional currency. The Company’s operations outside of the U.S. and the volume of business denominated in other currencies have expanded over the years from acquisitions. We expect to see continued fx losses or gains associated with volatility of foreign currency exchange rates.

The Company uses and may continue to use foreign currency contracts to hedge fx exposures. The Company does not hedge all of its fx exposures, but has accepted some exposure to exchange rate movements. The Company does not apply hedge accounting when derivative financial instruments are used to manage these fx exposures. Since the Company does not apply hedge accounting, the changes in the fair value of those derivative financial instruments are reported in earnings in the fx gains or losses caption. We expect the value of the U.S. dollar will continue to fluctuate relative to the RMB, Euro, Swiss franc and British pound. Therefore, both positive and negative movements in currency exchange rates relative to the U.S. dollar will continue to affect the reported amounts of sales, profits, and assets and liabilities in the Company's consolidated financial statements.

We believe the Company has a relatively low overall effective cash tax rate with the utilization of our NOLs, as well as an overall low effective tax rate due to the low tax rates afforded to the Company in several tax jurisdictions in which we operate, including China, Ireland and Switzerland. Our overall effective tax rate will continue to fluctuate as a result of the shift in earnings among the various taxing jurisdictions in which we operate and their varying tax rates. This is particularly challenging due to the different timing and rates of economic activity around the world. We expect our 2014 overall estimated effective tax rate without discrete tax adjustments to range from approximately 21% to approximately 24%, an increase as compared to the prior year. The increase in the estimated overall effective tax rate mainly reflects a higher proportion of taxable earnings to tax jurisdictions with higher tax rates. The overall estimated effective tax rate is based on expectations and other estimates and involves complex domestic and foreign tax issues, which the Company monitors closely, but are subject to change.

The Company's subsidiary in China, MEAS China, received approval from the Chinese authorities for High New Technology Enterprise ("HNTE") status through December 31, 2014. HNTE status decreased the tax rate for MEAS China from 25% to 15%. To qualify for this reduced rate the Company must continue to meet various criteria in regard to its operations related to sales, research and development activity, and intellectual property rights. If the Company does not continue to receive HNTE status, the Company's income tax rate in China would increase to 25%.

The Company plans to continue investing in various capital projects in fiscal 2014 to generate higher sales in new and expanded programs, and expects these expenditures to range between 3.5% and 4.5% of sales. This range of expected capital expenditures excludes investments in the new Greenfield manufacturing facility in China and other such facility investments, such as the purchase of a facility to replace a leased facility or to expand an existing facility. There is no specific timeline or commitment to acquire a facility, but the Company does from time to time contemplate making such facility investments. The Company's investment in the new Greenfield manufacturing facility in Chengdu, China is expected to be completed in fiscal 2015. The Chengdu facility is expected to cost approximately \$6,000, excluding VAT, of which \$1,907 has been incurred to date. During the transition to the new facility, the Company expects to temporarily increase certain inventory levels.

## **Results of Operations**

### **Three Months Ended September 30, 2013 Compared To Three Months Ended September 30, 2012**

The following table sets forth certain items from operations in our consolidated condensed statements of operations for the three months ended September 30, 2013 and 2012, respectively. The presentation of certain prior year amounts has been reclassified to conform to current year presentation for the separate presentation of restructuring costs.

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	Three months ended September 30,			Percent Change
	2013	2012	Change	
Net sales	\$ 102,872	\$ 87,758	\$ 15,114	17.2
Cost of goods sold	59,080	50,827	8,253	16.2
Gross profit	43,792	36,931	6,861	18.6
Operating expenses:				
Selling, general, and administrative	26,174	21,940	4,234	19.3
Non-cash equity based compensation	1,977	1,388	589	42.4
Amortization of acquired intangibles and deferred financing costs	2,487	2,057	430	20.9
Restructuring costs	211	242	(31)	(12.8)
Total selling, general and administrative expenses	30,849	25,627	5,222	20.4
Operating income	12,943	11,304	1,639	14.5
Interest expense, net	808	662	146	22.1
Foreign currency exchange loss	444	202	242	119.8
Equity income in unconsolidated joint venture	(165)	(163)	(2)	1.2
Impairment of asset held for sale	-	489	(489)	100.0
Acquisition earn-out contingency adjustment	(1,053)	(3,722)	2,669	(71.7)
Other income	(20)	(73)	53	(72.6)
Income before income taxes	12,929	13,909	(980)	(7.0)
Income tax expense	2,909	3,503	(594)	(17.0)
Net income	\$ 10,020	\$ 10,406	\$ (386)	(3.7)

**Net sales:** For the three months ended September 30, 2013, net sales totaled a record \$102,872, and represented an increase of \$15,114 or 17.2% over the corresponding period last year. Organic sales, defined as net sales excluding sales attributed to the RTD, Spectrum and Sensotherm acquisitions of \$10,766 for the three months ended September 30, 2013, increased \$4,348 or 5.0%. Sales increased in all sensor product lines, except Sensata, piezo, and position, with the largest increases in sales in the pressure/force, humidity and optical product lines. The overall increase in organic sales is mainly due to new sales from broader product adoptions and new programs, though there remains instability and the resulting uncertainty and cautiousness with customers across most markets.

We expect the sensor market to continue to perform well relative to the overall economy as a result of the increase in sensor content in various products across most end markets in the U.S., Europe and Asia. The sensor business is a growth industry that outpaces overall average global gross domestic product. Sensor content continues to increase at a faster rate than overall product unit growth, as OEMs add “intelligence” in products across most market verticals to promote improved energy efficiency and cleaner technologies, to meet regulatory compliance requirements and to improve user safety and convenience.

**Gross margin:** Gross margin (gross profit as a percent of net sales) increased slightly to approximately 42.6% from approximately 42.1%. The increase in gross margin is mainly due to a relatively stable product sales mix, partially offset by the appreciation of the RMB. In comparing the three months ended September 30, 2013 to the corresponding period last year, the RMB appreciated approximately 2.5% relative to the U.S. dollar. This translates to an annualized decrease in profits of approximately \$951 based on an estimate decrease in our operating income of approximately \$3,805 for every 10% appreciation of the RMB against the U.S. dollar.

On a continuing basis, our gross margin may vary due to product mix, sales volume, availability and cost of raw materials, foreign currency exchange rates, and other factors.

***Selling, general and administrative:*** Overall, total selling, general and administrative (“SG&A”) expenses increased \$5,222 or 20.4% to \$30,849. Organic SG&A costs, defined as total SG&A excluding SG&A costs associated with the RTD, Spectrum and Sensotherm acquisitions of \$2,515 for the three months ended September 30, 2013, increased \$2,707 or 10.6%. The increase in organic SG&A mainly reflects the increases in research and development costs, compensation costs and professional fees. The increase in research and development costs is mostly due to the Company’s continued investment in new programs. The increase in compensation costs, including non-cash equity based compensation, mainly reflects higher headcount, compensation and bonus levels as part of the Company’s overall growth. The Company incurred approximately \$550 in professional fees during the three months ended September 30, 2013 related to acquisition related activities.

Total SG&A expenses as a percent of net sales for the three months ended September 30, 2013 was approximately 30.0%, as compared to 29.2% the corresponding period last year.

**Non-cash equity based compensation:** Non-cash equity based compensation increased \$589 to \$1,977. The increase in non-cash equity based compensation is mainly because of the higher estimated fair value of the recent stock awards, which primarily reflects the increase in the Company's stock price. During the three months ended September 30, 2013 and 2012, the Company awarded 335,200 and 402,125, respectively, stock options and restricted stock units with an estimated fair value of \$12,090 and \$5,062, respectively, net of expected forfeitures. Total compensation cost related to share based payments not yet recognized totaled \$13,469 at September 30, 2013, which is expected to be recognized over a weighted average period of approximately 3.0 years.

**Amortization of acquired intangible assets and deferred financing costs:** Amortization of acquired intangible assets and deferred financing costs increased \$430 to \$2,487, as compared to \$2,057 the same period last year. The increase in amortization expense is mainly because of the acquisitions of RTD, Spectrum and Sensotherm.

**Restructuring costs:** As part of the Company's ongoing efforts to review our business for opportunities to reduce operating expenses and leverage core competencies, the Company started implementing plans to consolidate all of the Company's manufacturing operations in Scotland to other MEAS sites. The Scottish restructuring includes initiatives designed to centralize certain operating activities, and is expected to, among other things, improve operational efficiencies and performance. This restructuring is expected to be implemented over the next 6 to 18 months. Costs associated with this restructuring will include payments for severance charges, costs for termination of benefits and other related activities, in addition to possible contract termination costs, all of which will be reported as a cost in the statement of operations. The announcement to employees for the closure of the facility in Scotland was made in March 2013. During the three months ended September 30, 2013, the Company incurred \$211 for severance costs related to the facility closure in Scotland, and the Company expects to incur additional costs with the Scottish restructuring of approximately \$800. At September 30, 2013, the liability recorded for restructuring costs in Scotland was \$750. For further details concerning the Scottish restructuring, please refer to Note 9 to the Consolidated Condensed Financial Statements. The prior year restructuring related to the consolidation of the Company's Cosense acquisition from New York to Virginia.

**Interest expense, net:** Interest expense increased \$146 to \$808 from \$662. The increase in interest expense is primarily due to the increase in average outstanding debt. Total average outstanding debt increased to approximately \$143,821 for the three months ended September 30, 2013 as compared to \$102,537 for the same period last year, mainly reflecting additional borrowing to fund acquisitions. The Company's weighted average interest rate was approximately 2.4% for the three months ended September 30, 2013, as compared to 2.6% during the same period last year.

**Foreign currency exchange gains and losses:** Foreign currency exchange gains and losses represent the impact of changes in foreign currency exchange rates with, among other things, the revaluation of balance sheet accounts and foreign currency contracts. When foreign currency exchange rates fluctuate, there is a resulting revaluation of assets and liabilities denominated and accounted for in foreign currencies other than the business' functional currency. For example, our Irish subsidiary, which uses the Euro as its functional currency, holds cash denominated in foreign currencies, including the U.S. dollar. As the Euro appreciates against the U.S. dollar, the cash balances held in other denominations are devalued when stated in terms of Euro, resulting in a foreign currency exchange loss.

The increase in the foreign currency exchange loss is mainly due to the foreign currency exchange losses recorded with the unfavorable fluctuations of the European currencies relative to the U.S. dollar with the Company's European operations and the fluctuation of the RMB relative to the U.S. dollar with the Company's operations in China. The Company does not hedge these U.S. dollar exposures with forward contracts or other derivatives because the U.S. dollar is the Company's reporting and primary functional currency. The Company continues to be impacted by



volatility in foreign currency exchange rates, including the impact of the fluctuation of the U.S. dollar relative to the Euro, Swiss franc and British pound, as well as the appreciation of the RMB relative to the U.S. dollar.

**Impairment of asset held for sale:** During the three months ended September 30, 2012, the Company determined there were triggering events requiring an impairment analysis for asset held for sale for which the Company recorded impairment charges of \$489. The Company sold the asset held for sale on September 23, 2013 for \$1,000, consisting of \$181 in cash, net of \$69 in costs to sell, and a \$750 promissory note. The carrying value of the former PSI facility was \$940 and approximated fair value less cost to sell.

**Acquisition earn-out contingency adjustment:** Acquisition earn-out contingency adjustment represents the impact of change in the estimated fair value of acquisition earn-outs. The fair value of acquisition earn-out contingencies is based on expectations and other such estimates related to the specific earn-out target, all of which are subject to modification with changing circumstances until the contingency is resolved. The fair value of acquisition earn-out contingencies is determined using a modeling technique with significant unobservable inputs calculated using a probability-weighted approach. Key assumptions include discount rates for present value factor, which are based on industry specific weighted average cost of capital, adjusted for, among other things, time and risk, as well as forecasted annual earnings before interest, taxes, depreciation and amortization and forecasted annual revenues over the life of the earn-outs. Adjustments to the fair value of earn-outs are recorded to earnings with that portion of the adjustment relating to the time value of money as interest expense and the non-interest portion of the change in earn-outs as a separate non-operating item in the statement of operations. During the three months ended September 30, 2012, as a result of the assessment of actual and projected earnings and sales scenarios, the Company determined that Eureka's earnings and Gentech's sales were expected to be below originally estimated earn-out levels. During the three months ended September 30, 2013, the Company determined that RTD's projected sales were expected to be below originally estimated earn-out levels. Accordingly, the Company recorded fair value adjustments of \$1,883 and \$1,839 decreasing the acquisition earn-out liabilities for Eureka and Gentech, respectively, during the three months ended September 30, 2012, as well as a fair value adjustment of \$1,053 decreasing the acquisition earn-out liability for RTD during the three months ended September 30, 2013, and recognized the adjustments in the Consolidated Condensed Statements of Operations.

**Income Taxes:** Income tax expense for the three months ended September 30, 2013 decreased \$594 to \$2,909 from \$3,503 for the corresponding period last year. The decrease in income tax expense is primarily due to the discrete non-cash income tax adjustments recorded during the current and prior year and the generation of lower profits before taxes during the current period, which were partially offset by an increase in the estimated annual effective tax rate ("estimated ETR").

The Company's overall effective tax rate (income tax expense divided by income before income taxes) for the three months ended September 30, 2013 was approximately 22%, as compared to approximately 25% the same period last year. Income tax expense during interim periods is based on an estimated ETR. The estimated ETR without discrete items for fiscal 2014 is approximately 24%, as compared to 23% estimated ETR without discrete items for the three months ended September 30, 2012. The increase in the estimated annual effective tax rate without discrete adjustments mainly reflects a higher proportion of taxable income projected in tax jurisdictions with higher tax rates, including the U.S. The overall estimated ETR is based on expectations and other estimates and involves complex domestic and foreign tax issues, which the Company monitors closely and are subject to change.

During the three months ended September 30, 2013, the Company recorded a discrete non-cash income tax credit of approximately \$149 related to the tax rate change in Scotland and the resulting revaluation of deferred tax liabilities.

During the three months ended September 30, 2012, the Company recorded discrete income tax expense adjustments of approximately \$853 related to certain claw-back provisions for a tax holiday provided to MEAS Switzerland, the Company's subsidiary in Switzerland. The Company believed it was more likely than not that the tax benefits would not be fully realized through the claw-back provision. The Company revalued the Swiss deferred tax liabilities and established a reserve for the claw-back provisions.

**Six Months Ended September 30, 2013 Compared To Six Months Ended September 30, 2012**

The following table sets forth certain items from operations in our consolidated condensed statements of operations for the six months ended September 30, 2013 and 2012, respectively. The presentation of certain prior year amounts has been reclassified to conform to current year presentation for the separate presentation of restructuring costs.

	Six months ended			Percent
	September 30,		Change	Change
	2013	2012		
Net sales	\$ 203,385	\$ 176,371	\$ 27,014	15.3
Cost of goods sold	117,699	102,646	15,053	14.7
Gross profit	85,686	73,725	11,961	16.2
Operating expenses:				
Selling, general, and administrative	51,821	44,093	7,728	17.5
Non-cash equity based compensation	3,069	2,244	825	36.8
Amortization of acquired intangibles and deferred financing costs	4,819	4,137	682	16.5
Restructuring costs	421	242	179	74.0
Total selling, general and administrative expenses	60,130	50,716	9,414	18.6
Operating income	25,556	23,009	2,547	11.1
Interest expense, net	1,722	1,384	338	24.4
Foreign currency exchange gain	598	241	357	148.1
Equity income in unconsolidated joint venture	(286)	(392)	106	(27.0)
Impairment of asset held for sale	-	489	(489)	(100.0)
Acquisition earn-out contingency adjustment	(1,053)	(3,722)	2,669	(71.7)
Other income	(22)	(39)	17	(43.6)
Income before income taxes	24,597	25,048	(451)	(1.8)
Income tax expense	5,415	6,069	(654)	(10.8)
Net income	\$ 19,182	\$ 18,979	\$ 203	1.1

**Net sales:** For the six months ended September 30, 2013, net sales totaled a record \$203,385, and represented an increase of \$27,014 or 15.3% over the corresponding period last year. Organic sales, defined as net sales excluding sales attributed to the RTD, Spectrum and Sensotherm acquisitions of \$20,442 for the six months ended September 30, 2013, increased \$6,572 or 3.7%. Sales increased in all sensor product lines, except Sensata, position and piezo, with the largest increases in sales in the pressure/force, humidity, optical and temperature product lines. The overall increase in organic sales is mainly due to new sales from broader product adoptions and new programs, though there remains instability and the resulting uncertainty and cautiousness with customers across most markets.

We expect the sensor market to continue to perform well relative to the overall economy as a result of the increase in sensor content in various products across most end markets in the U.S., Europe and Asia. Sensor business is a growth industry that outpaces overall average global gross domestic product. Sensor content continues to increase at a faster rate than overall product unit growth, as OEMs add “intelligence” in products across most market verticals to promote improved energy efficiency and cleaner technologies, to meet regulatory compliance requirements and to improve user safety and convenience.

**Gross margin:** Gross margin (gross profit as a percent of net sales) increased to approximately 42.1% from approximately 41.8%. The increase in gross margin is mainly due to a relatively stable product sales mix, partially offset by the appreciation of the RMB. In comparing the six months ended September 30, 2013 to the corresponding period last year, the RMB appreciated approximately 2.2% relative to the U.S. dollar. This translates to an annualized decrease in profits of approximately \$837 based on an estimate decrease in our operating income of approximately \$3,805 for every 10% appreciation of the RMB against the U.S. dollar.

On a continuing basis, our gross margin may vary due to product mix, sales volume, availability and cost of raw materials, foreign currency exchange rates, and other factors.

***Selling, general and administrative:*** Overall, total selling, general and administrative (“SG&A”) expenses increased \$9,414 or 18.6% to \$60,130. Organic SG&A costs, defined as total SG&A excluding SG&A costs associated with the RTD, Spectrum and Sensotherm acquisitions of \$4,612 for the six months ended September 30, 2013, increased \$4,802 or 9.5%. The increase in organic SG&A mainly reflects the increases in research and development costs, compensation costs and professional fees. The increase in research and development costs is mostly due to the Company’s continued investment in new programs. The increase in compensation costs, including non-cash equity based compensation, mainly reflects higher headcount, compensation and bonus levels as part of the Company’s overall growth. The Company incurred approximately \$785 in professional fees during the six months ended September 30, 2013 associated with acquisition related activities.

Total SG&A expenses as a percent of net sales for the six months ended September 30, 2013 was approximately 29.6%, as compared to 28.8% for the corresponding period last year.

**Non-cash equity based compensation:** Non-cash equity based compensation increased \$825 to \$3,069. The increase in non-cash equity based compensation is mainly because of the higher estimated fair value of the recent stock awards, which primarily reflects the increase in the Company's stock price. During the six months ended September 30, 2013 and 2012, the Company awarded 371,700 and 402,125, respectively, stock options and restricted stock units with an estimated fair value of \$12,090 and \$5,062, respectively, net of expected forfeitures. Total compensation cost related to share based payments not yet recognized totaled \$13,469 at September 30, 2013, which is expected to be recognized over a weighted average period of approximately 3.0 years.

**Amortization of acquired intangible assets and deferred financing costs:** Amortization of acquired intangible assets and deferred financing costs increased \$682 to \$4,819, as compared to \$4,137 the same period last year. The increase in amortization expense is mainly because of the acquisitions of RTD, Spectrum and Sensotherm.

**Restructuring costs:** As part of the Company's ongoing efforts to review our business for opportunities to reduce operating expenses and leverage core competencies, the Company is consolidating all of the Company's manufacturing operations in Scotland to other MEAS sites. The Scottish restructuring includes initiatives designed to centralize certain operating activities, and is expected to, among other things, improve operational efficiencies and performance. This restructuring is expected to be implemented over the next 6 to 18 months. Costs associated with this restructuring will include payments for severance charges, costs for termination of benefits and other related activities, in addition to possible contract termination costs, all of which will be reported in the statement of operations costs. The announcement to employees for the closure of the facility in Scotland was made in March 2013. During the six months ended September 30, 2013, the Company incurred \$421 for severance costs related to the facility closure in Scotland, and the Company expects to incur additional costs with the Scottish restructuring of approximately \$800. At September 30, 2013, the liability recorded for restructuring costs in Scotland was \$750. For further details concerning the Scottish restructuring, please refer to Note 9 to the Consolidated Condensed Financial Statements. The prior year restructuring related to the consolidation of the Company's Cosense acquisition from New York to Virginia.

**Interest expense, net:** Interest expense increased \$338 to \$1,722 from \$1,384. The increase in interest expense is primarily due to the increase in average outstanding debt. Total average outstanding debt increased to approximately \$140,455 for the six months ended September 30, 2013 as compared to \$103,876 for the same period last year, mainly reflecting additional borrowing to fund acquisitions. The Company's weighted average interest rate was approximately 2.4% for the six months ended September 30, 2013, as compared to 2.6% during the same period last year. Additionally, the Company recorded during the six months ended September 30, 2013 approximately \$39 in interest expense related to the fair value adjustment of acquisition earn-outs, as compared to \$90 in adjustments to interest expense for acquisition earn-outs during the same period last year.

**Foreign currency exchange gains and losses:** Foreign currency exchange gains and losses represent the impact of changes in foreign currency exchange rates with, among other things, the revaluation of balance sheet accounts and foreign currency contracts. When foreign currency exchange rates fluctuate, there is a resulting revaluation of assets and liabilities denominated and accounted for in foreign currencies other than the business' functional currency. For example, our Irish subsidiary, which uses the Euro as its functional currency, holds cash denominated in foreign currencies, including the U.S. dollar. As the Euro appreciates against the U.S. dollar, the cash balances held in other denominations are devalued when stated in terms of Euro, resulting in a foreign currency exchange loss.

The increase in the foreign currency exchange loss is mainly due to the foreign currency exchange losses recorded with the unfavorable fluctuations of the European currencies relative to the U.S. dollar with the Company's European operations and the fluctuation of the RMB relative to the U.S. dollar with the Company's operations in China. The Company does not hedge these U.S. dollar exposures with forward contracts or other derivatives because the U.S.

dollar is the Company's reporting and primary functional currency. The Company continues to be impacted by volatility in foreign currency exchange rates, including the impact of the fluctuation of the U.S. dollar relative to the Euro, Swiss franc and British pound, as well as the appreciation of the RMB relative to the U.S. dollar.

**Impairment of asset held for sale:** During the six months ended September 30, 2012, the Company determined there were triggering events requiring an impairment analysis for asset held for sale for which the Company recorded impairment charges of \$489. The Company sold the asset held for sale on September 23, 2013 for \$1,000, consisting of \$181 in cash, net of \$69 in costs to sell, and a \$750 promissory note. The carrying value of the former PSI facility was \$940 and approximated fair value less cost to sell.

**Acquisition earn-out contingency adjustment:** Acquisition earn-out contingency adjustment represents the impact of change in the estimated fair value of acquisition earn-outs. The fair value of acquisition earn-out contingencies is based on expectations and other such estimates related to the specific earn-out target, all of which are subject to modification with changing circumstances until the contingency is resolved. The fair value of acquisition earn-out contingencies is determined using a modeling technique with significant unobservable inputs calculated using a probability-weighted approach. Key assumptions include discount rates for present value factor, which are based on industry specific weighted average cost of capital, adjusted for, among other things, time and risk, as well as forecasted annual earnings before interest, taxes, depreciation and amortization and forecasted annual revenues over the life of the earn-outs. Adjustments to the fair value of earn-outs are recorded to earnings with that portion of the adjustment relating to the time value of money as interest expense and the non-interest portion of the change in earn-outs as a separate non-operating item in the statement of operations. During the six months ended September 30, 2012, as a result of the assessment of actual and projected earnings and sales scenarios, the Company determined that Eureka's earnings and Gentech's sales were expected to be below originally estimated earn-out levels. During the six months ended September 30, 2013, the Company determined that RTD's projected sales were expected to be below originally estimated earn-out levels. Accordingly, the Company recorded fair value adjustments of \$1,883 and \$1,839 decreasing the acquisition earn-out liabilities for Eureka and Gentech, respectively, during the six months ended September 30, 2012, as well as a fair value adjustment of \$1,053 decreasing the acquisition earn-out liability for RTD during the six months ended September 30, 2013, and recognized the adjustments in the Consolidated Condensed Statements of Operations.

**Income Taxes:** Income tax expense for the six months ended September 30, 2013 decreased \$654 to \$5,415 from \$6,069 for the corresponding period last year. The decrease in income tax expense is primarily due to discrete non-cash income tax adjustments and the generation of lower profits before taxes during the current period, which were partially offset by an increase in the estimated annual effective tax rate ("estimated ETR").

The Company's overall effective tax rate (income tax expense divided by income before income taxes) for the six months ended September 30, 2013 was approximately 22%, as compared to approximately 25% the same period last year. Income tax expense during interim periods is based on an estimated ETR. The estimated ETR without discrete items for fiscal 2014 is approximately 24%, as compared to 23% estimated ETR without discrete items for the six months ended September 30, 2012. The increase in the estimated annual effective tax rate without discrete adjustments mainly reflects a higher proportion of taxable income projected in tax jurisdictions with higher tax rates, including the U.S. The overall estimated ETR is based on expectations and other estimates and involves complex domestic and foreign tax issues, which the Company monitors closely and are subject to change.

During the six months ended September 30, 2013, the Company recorded two non-cash discrete income tax credits totaling approximately \$305, of which \$156 related to the elimination of the liability previously recorded for an uncertain tax position related to claw-back provision for a tax holiday provided to the Company's subsidiary in Switzerland and \$149 related to the tax rate change in Scotland and the resulting revaluation of deferred tax liabilities.

During the six months ended September 30, 2012, the Company recorded discrete income tax expense adjustments of approximately \$853 related to certain claw-back provisions for a tax holiday provided to MEAS Switzerland, the Company's subsidiary in Switzerland. The Company believed it was more likely than not that the tax benefits would not be fully realized through the claw-back provision. The Company revalued the Swiss deferred tax liabilities and established a reserve for the claw-back provisions.



## **LIQUIDITY AND CAPITAL RESOURCES**

Cash balances totaled \$39,545 at September 30, 2013, an increase of \$3,517 as compared to March 31, 2013, reflecting, among other factors, changes in cash flows generated from operating activities and borrowings from the Company's revolver, which were partially offset by cash used in investing activities for acquisitions and capital expenditures and debt payments.

The following compares the primary categories of the consolidated condensed statement of cash flows for the six months ended September 30, 2013 and 2012:

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	Six months ended September 30,		
	2013	2012	Change
Net cash provided by operating activities	\$ 26,467	\$ 22,267	\$ 4,200
Net cash used in investing activities	(64,970)	(18,753)	(46,217)
Net cash provided by financing activities	40,874	(7,565)	48,439
Effect of exchange rate changes on cash	1,146	(169)	1,315
Net change in cash and cash equivalents	\$ 3,517	\$ (4,220)	\$ 7,737

A key source of the Company's liquidity is its ability to generate positive operating cash flows. Cash flows provided by operating activities increased \$4,200 to \$26,467. The increase in operating cash flows is mainly due to the \$3,046 increase in cash flows from operating working capital (net changes in trade accounts receivable, inventory and accounts payable). In comparing cash flows generated from operating working capital for the six months ended September 30, 2013 to the corresponding period last year, the largest drivers of the increase in cash flows from operating working capital were the favorable trends with trade receivables and trade payables, partially offset by the unfavorable fluctuation in inventory. The current period net change in accounts receivable was an increase or use of cash flows of \$1,827, as compared to an increase or a use of cash flows of \$2,783 last year. The favorable change in the fluctuation in trade receivables during the current period as compared to last year mainly reflects the impact of the receivables related to the Consense acquisition last year, partially offset by an increase in the number of days sales outstanding (DSO), as DSO increased to approximately 55 days, as compared to 53 days last year. DSO is a non-GAAP financial measure and is calculated as follows:  $((\text{trade receivables}/\text{respective quarter net sales annualized}) \times 360)$  or  $((\$63,033 / (\$102,872 \times 4)) \times 360)$ . Operating cash flows from accounts payable fluctuated favorably by \$4,364, reflecting, among other factors, the timing of payments related to the planned build-up of inventory last year with the planned transition to the new Toulouse facility. The net increase in inventory or use of cash flow for the current and prior periods was \$3,760 and \$1,486, respectively. The higher inventory balances are to support the overall growth in sales. The number of inventory turns remained stable at 3.5. The number of inventory turns is a non-GAAP financial measure and is calculated as follows:  $(\text{respective quarterly cost of goods sold annualized} / \text{inventory})$  or  $((\$59,080 \times 4) / \$67,148)$ . Cash outflows for income taxes increased by \$2,276 due to estimated U.S. tax payments mainly reflecting higher taxable income in the U.S.

Net cash used in investing activities for the six months ended September 30, 2013 was \$64,970 as compared to \$18,753 the corresponding period last year. The increase in cash used in investing activities mainly reflects the higher purchase price and cash outlays for the acquisitions of Spectrum and Sensotherm during the six months ended September 30, 2013, as compared to the acquisition of Cosense during the six months ended September 30, 2012. Capital expenditures primarily consist of the purchase of equipment for the manufacturing of new products and programs, as well as capital additions related to the new manufacturing facility in China.

Net cash provided by financing activities for the six months ended September 30, 2013 totaled \$40,874, as compared to \$7,565 in net cash provided in financing activities the same period last year. The Company's credit facilities are mainly utilized to fund acquisitions. The Company funded the Spectrum and Cosense acquisitions from a combination of cash on hand and borrowings under the Company's revolver. Additionally, the Company received proceeds from the exercise of stock options and the related excess tax benefit from the exercise of stock options. Proceeds from the exercise of stock options totaled \$5,199 and \$3,505 for the six months ended September 30, 2013 and 2012, respectively. The increase in proceeds from the exercise of stock options mainly reflects the higher amount of options exercised largely due to the increase in the Company's stock price.

The effect of exchange rate changes on cash is the translation decrease or increase in cash due to the fluctuation of foreign currency exchange rates. The increase in cash for the current year impact of exchange rate changes is primarily due to the fluctuation of the U.S. dollar relative to the Euro. The prior year decrease in cash from the effect of exchange rate changes is mainly due to the appreciation of the U.S. dollar relative to the Euro.

**Long-term debt:** The Company entered into a Credit Agreement (the "Senior Secured Credit Facility") dated June 1, 2010, among JPMorgan Chase Bank, N.A., as administrative agent and collateral agent (in such capacity, the "Senior Secured Facility Agents"), Bank America, N.A., as syndication agent, HSBC Bank USA, N.A., as document agent, and certain other parties thereto (the "Credit Agreement") to refinance the Amended and Restated Credit Agreement effective as of April 1, 2006 among the Company, General Electric Capital Corporation ("GE"), as agent and a lender, and certain other parties thereto and to provide for the working capital needs of the Company including to effect permitted acquisitions. Refer to Note 8 in the Consolidated Condensed Financial Statements for further details regarding long-term debt, including information concerning credit facilities in China and Europe.

**LIQUIDITY:** Management assesses the Company's liquidity in terms of available cash, our ability to generate cash and our ability to borrow to fund operating, investing and financing activities. The Company continues to generate cash from operating activities, and the Company remains in a positive financial position with availability under credit facilities. The Company will continue to have cash requirements to support working capital needs, capital expenditures, earn-outs related to acquisitions, and to pay interest and service debt. One of the Company's known cash requirements is for capital expenditure commitments related to the construction of the new facility in Chengdu, China. The Chengdu facility is expected to be built through fiscal 2016 at a cost of approximately \$6,000, excluding land and VAT, of which approximately \$1,907 has been incurred to date. As part of the transition to the new facility, the Company expects to temporarily increase certain inventory levels. Additionally, as part of the Company's ongoing efforts to review our business for opportunities to reduce operating expenses and leverage core competencies, the Company has started implementing the plans to consolidate all of the Company's manufacturing operations in Scotland to other MEAS sites. These restructuring plans could change but are expected to be implemented over the next 6 to 18 months. Costs associated with this restructuring will include payments for severance charges, costs for termination of benefits and other related activities. For further details concerning the Scottish restructuring, please refer to Note 9 to the Consolidated Financial Statements. We believe the Company's financial position, generation of cash and the existing credit facility, in addition to the potential to refinance or obtain additional financing will be sufficient to meet funding of day-to-day and material short and long-term commitments for the foreseeable future.

At September 30, 2013, we had approximately \$39,545 of available cash and approximately \$71,000 of borrowing capacity, after considering the limitations set on the Company's total leverage under the revolving credit facility. This cash balance includes cash of \$12,299 in China, which is subject to certain restrictions on the transfer to another country because of currency control regulations. Additionally, the Company had approximately \$19,647 of cash in Europe at March 31, 2013. The Company's cash balances are generated and held in numerous locations throughout the world, including substantial amounts held outside the United States. The Company utilizes a variety of tax planning and financing strategies in an effort to ensure that its worldwide cash is available in the locations in which it is needed. Wherever possible, cash management is centralized and intra-company financing is used to provide working capital to the Company's operations. Cash balances of approximately \$34,014 are held outside the United States and could be repatriated to the United States, but, under current law, would be subject to United States federal income taxes, less applicable foreign tax credits. Repatriation of some foreign balances is restricted or prohibited by local laws. Where local restrictions prevent an efficient intra-company transfer of funds, the Company's intent is that cash balances would remain in the foreign country and it would meet United States liquidity needs through ongoing cash flows, external borrowings, or both.

**ACCUMULATED OTHER COMPREHENSIVE INCOME:** Accumulated other comprehensive income primarily consists of foreign currency translation adjustments, which relate to the Company's European and Asian operations and the effects of changes in the exchange rates of the U.S. dollar relative to the Euro, Chinese RMB, Hong Kong dollar, Japanese Yen, Swiss franc and British pound. Foreign currency translation adjustments are generally not adjusted for income taxes as they relate to indefinite investments in non-U.S. subsidiaries. Accumulated other comprehensive income also includes unrecognized pension costs.

**DIVIDENDS:** We have not declared cash dividends on our common equity. Additionally, the payment of dividends is restricted under our Senior Secured Credit Facility. We intend to retain earnings to support our growth strategy and

we do not anticipate paying cash dividends in the foreseeable future.

At present, there are no material restrictions on the ability of our Hong Kong and European subsidiaries to transfer funds to us in the form of cash dividends, loans, advances, or purchases of materials, products, or services. Chinese laws and regulations, including currency exchange controls, however, restrict distribution and repatriation of dividends by our China subsidiary.

**SEASONALITY:** As a whole, there is no material seasonality in our sales. However, general economic conditions have an impact on our business and financial results, and certain end-use markets experience certain seasonality. For example, European sales are often lower in summer months and OEM sales are often stronger immediately preceding and following the introduction of new products.

**INFLATION:** We compete on the basis of product design, features, and value. Accordingly, our prices generally have kept pace with inflation, notwithstanding that inflation in the countries where our subsidiaries are located has been consistently higher than inflation in the United States. We have recently experienced increases in material and labor costs, including the direct impact of changes in foreign currency exchange rates, and as a result, we have had pressure on our margins.

**OFF BALANCE SHEET ARRANGMENTS:** We do not have any financial partnerships with unconsolidated entities, such as entities often referred to as structured finance, special purpose entities or variable interest entities which are often established for the purpose of facilitating off-balance sheet arrangements or other contractually narrow or limited purposes. The Company does have an unconsolidated joint venture in Japan, N-T, which is not considered to be a special purpose entity or variable interest entity for the purposes of facilitating off-balance sheet arrangements or such limited purposes. Accordingly, we are not exposed to any financing, liquidity, market or credit risk that could arise if we had such relationships.

The Company has acquired and divested of certain assets, including the acquisition of businesses. In connection with these acquisitions, the Company often provides and receives representations, warranties and/or indemnities to cover various risks and unknown liabilities, such as claims for damages arising out of the use of products or relating to intellectual property matters, commercial disputes, environmental matters or tax matters. The Company cannot estimate the potential liability from such representations, warranties and indemnities because they relate to unknown conditions. However, the Company does not believe that the liabilities relating to these representations, warranties and indemnities will have a material adverse effect on the Company's financial position, results of operations or liquidity.

**AGGREGATE CONTRACTUAL OBLIGATIONS:** As of September 30, 2013, the Company's contractual obligations, including payments due by period, are as follows:

**Contractual Obligations:**

	Payment due by period				
	Total	1 year	2-3 years	4-5 years	> 5 years
Long-term debt obligations	\$ 134,203	\$ 203	\$ 10,000	\$ 124,000	\$ -
Interest obligation on long-term debt	11,951	3,107	5,973	2,871	-
Capital lease obligations	602	196	406	-	-
Operating lease obligations	14,122	4,367	4,833	2,305	2,617
Purchase obligations	9,188	8,600	488	100	-
Health care self-insurance liability	734	734	-	-	-
Other long-term obligations*	7,683	4,664	962	630	1,427
<b>Total</b>	<b>\$ 178,483</b>	<b>\$ 21,871</b>	<b>\$ 22,662</b>	<b>\$ 129,906</b>	<b>\$ 4,044</b>

\* Other long-term obligations on the Company's balance sheet under GAAP primarily consist of obligations under warranty policies, foreign currency contracts, acquisition earn-outs, contractual obligations related to the construction of new facilities, pension and tax liabilities. The timing of cash flows associated with these obligations is based upon management's estimate over the terms of these arrangements and are largely based on historical experience.

The above contractual obligation table excludes certain contractual obligations, such as possible severance payments to certain executives, since these contractual commitments are not accrued as liabilities at September 30, 2013 or are otherwise indeterminable. These contractual obligations are accrued as liabilities when the respective contingencies are determinable.

### ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Since March 31, 2013, the Company experienced the following significant change to our market risk:

There was a decrease in the notional amount of RMB/U.S. dollar forward currency contracts. For a discussion of market risk affecting us, refer to Part II, Item 7A “Quantitative and Qualitative Disclosures About Market Risk” included in our Annual Report on Form 10-K for the year ended March 31, 2013.

The Company has a number of foreign currency exchange contracts in Asia for the purposes of hedging the Company’s short-position exposure to the RMB. The RMB/U.S. dollar currency contracts have notional amounts totaling \$15,400, with exercise dates through September 30, 2014 at average exchange rates of 0.1580 (RMB to U.S. dollar conversion rate). With the RMB/U.S. dollar contracts, for every 10 percent depreciation of the RMB, the Company would be exposed to approximately \$1,540 in additional foreign currency exchange losses. Since these derivatives are not designated as hedges for accounting purposes, changes in their fair value are recorded in results of operations, not in other comprehensive income. To manage our exposure to potential foreign currency transaction and translation risks, we may purchase additional foreign currency exchange forward contracts, currency options, or other derivative instruments, provided such instruments may be obtained at suitable prices.

### ITEM 4. CONTROLS AND PROCEDURES

(Amounts in thousands)

#### (a) Evaluation of Disclosure Controls and Procedures

The Company’s Chief Executive Officer and Chief Financial Officer with the participation of management evaluated the effectiveness of our disclosure controls and procedures as of June 30, 2013. The term “disclosure controls and procedures,” as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), means controls and other procedures of a company that are designed to ensure that information required to be disclosed by the company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the SEC’s rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the company’s management, including its principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure. Management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving their objectives and management necessarily applies its judgment in evaluating the cost-benefit relationship of possible controls and procedures. Based on the evaluation of our disclosure controls and procedures as of September 30, 2013, our Chief Executive Officer and Chief Financial Officer concluded that, as of such date, our disclosure controls and procedures were effective.

#### (b) Changes in Internal Control Over Financial Reporting

During the fiscal quarter ended September 30, 2013, management did not identify any changes in the Company’s internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, the Company’s internal control over financial reporting.

Management’s evaluation of the Company’s internal controls and procedures as of September 30, 2013 excluded the evaluation of internal controls for the Company’s recent acquisitions RTD, Spectrum and Sensotherm. At September 30, 2013, RTD, which was acquired on October 1, 2012, represented approximately \$18,345 in total assets, and \$7,738 of net sales for the six months ended September 30, 2013. Spectrum, which was acquired on April 17, 2013, represented approximately \$55,307 in total assets at September 30, 2013, and \$12,464 of net sales for the six months ended September 30, 2013. Sensotherm, which was acquired on August 30, 2013, represented approximately \$10,255 in total assets at September 30, 2013, and \$241 of net sales for the six months ended September 30, 2013.

**PART II. OTHER INFORMATION**

**ITEM 1. LEGAL PROCEEDINGS**

*Pending Matters:* From time to time, the Company is subject to legal proceedings and claims in the ordinary course of business. The Company currently is not aware of any legal proceedings or claims that the Company believes will have, individually or in the aggregate, a material adverse effect on the Company's business, financial condition, or operating results.

**ITEM 1A. RISK FACTORS**

While we attempt to identify, manage and mitigate risks and uncertainties associated with our business to the extent practical under the circumstances, some level of risk and uncertainty will always be present. Item 1A of our Annual Report on Form 10-K for the year ended March 31, 2013 describes some of the risks and uncertainties associated with our business. These risks and uncertainties have the potential to materially affect our results of operations and our financial condition. We do not believe that there have been any material changes to the risk factors previously disclosed in our Annual report on Form 10-K for the year ended March 31, 2013.

**ITEM 6. EXHIBITS**

See Exhibit Index.



**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Measurement Specialties, Inc.  
(Registrant)

Date: November 6, 2013

By: /s/ Frank D. Guidone  
Frank D. Guidone  
President, Chief Executive Officer  
(Principal Executive Officer)

Date: November 6, 2013

By: /s/ Mark Thomson  
Mark Thomson  
Chief Financial Officer  
(Principal Financial Officer)

## EXHIBIT INDEX

EXHIBIT NUMBER	DESCRIPTION
31.1	Certification of Frank D. Guidone required by Rule 13a-14(a) or Rule 15d-14(a)
31.2	Certification of Mark Thomson required by Rule 13a-14(a) or Rule 15d-14(a)
32.1	Certification of Frank D. Guidone and Mark Thomson required by Rule 13a-14(b) or Rule 15d-14(b) and Section 906 of the Sarbanes-Oxley Act of 2002, 18 U.S.C. Section 1350
101.INS	XBRL Instance Document (3)
101.SCH	XBRL Taxonomy Extension Schema Document (3)
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document (3)
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document (3)
101.LAB	XBRL Taxonomy Extension Label Linkbase Document (3)
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document (3)

(1) Previously filed with the Securities and Exchange Commission as an Exhibit to the Current Report on Form 8-K filed on April 17, 2013 and incorporated herein by reference.

(2) Previously reported with the Securities and Exchange Commission in the Current Report on Form 8-K filed on April 19, 2013 and incorporated herein by reference.

(3) Attached as Exhibit 101 to this report are the following documents formatted in XBRL (Extensible Business Reporting Language): (i) Consolidated Condensed Balance Sheets as of September 30, 2013 and March 31, 2013, (ii) Consolidated Condensed Statements of Operations for the three and six months ended September 30, 2013 and 2012, (iii) Consolidated Condensed Statements of Comprehensive Income for the three and six months ended September 30, 2013 and 2012, (iv) Consolidated Condensed Statement of Stockholders' Equity for the six months ended September 30, 2013 and 2012, (v) Consolidated Condensed Statements of Cash Flows for the six months ended September 30, 2013 and 2012, and (vi) Notes to Consolidated Condensed Financial Statements. In accordance with Rule 406T of Regulation S-T, the XBRL related information in Exhibit 101 to this Quarterly Report on Form 10-Q shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act"), or otherwise subject to the liability of that section, and shall not be part of any registration statement or other document filed under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.