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

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2006

OR

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

For the transition period from _____ to _____

Commission file number 001-07698

ACME UNITED CORPORATION
(Exact name of registrant as specified in its charter)

CONNECTICUT
(State or other jurisdiction
of incorporation or organization)

06-0236700
(I.R.S. Employer
Identification No.)

60 ROUND HILL ROAD, FAIRFIELD, CONNECTICUT
(Address of principal executive offices)

06824
(Zip Code)

Registrant's telephone number, including area code: (203) 254-6060

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 is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act (Check one).

Large accelerated filer Accelerated filer Non-accelerated filer

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

As of October 17, 2006 the registrant had outstanding 3,496,833 shares of its \$2.50 par value Common Stock.

ACME UNITED CORPORATION

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ACME UNITED CORPORATION
CONDENSED CONSOLIDATED BALANCE SHEETS
(all amounts in thousands, except per share amounts)

	September 30 2006 (unaudited) -----	December 31 2005 (Note 1) -----
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 2,854	\$ 1,076
Accounts receivable, less allowance	14,896	9,392
Inventories:		
Finished goods	14,479	11,691
Work in process	74	116
Raw materials and supplies	1,092	723
	-----	-----
	15,645	12,530
Prepaid expenses and other current assets	780	542
Deferred income taxes	325	325
	-----	-----
Total current assets	34,500	23,865
	-----	-----
Property, plant and equipment:		
Land	161	152
Buildings	2,965	2,954
Machinery and equipment	7,035	6,525
	-----	-----
	10,161	9,631
Less accumulated depreciation	7,570	6,845
	-----	-----
	2,591	2,786
Other assets	1,544	1,454
Goodwill	89	89
	-----	-----
Total assets	\$ 38,724	\$ 28,194
	=====	=====

See notes to condensed consolidated financial statements.

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ACME UNITED CORPORATION
CONDENSED CONSOLIDATED BALANCE SHEETS (continued)
(all amounts in thousands, except per share amounts)

	September 30 2006 (unaudited) -----	December 31 2005 (Note 1) -----
LIABILITIES		
Current liabilities:		
Accounts payable	\$ 3,641	\$ 2,174
Other accrued liabilities	4,137	5,356
Current portion of long-term debt	-	10
	-----	-----

Total current liabilities	7,778	7,540
Deferred income taxes	131	141
Long-term debt, less current portion	12,124	5,577
Other	979	871
	-----	-----
Total liabilities	21,012	14,129
STOCKHOLDERS' EQUITY Common stock, par value \$2.50: authorized 8,000,000 shares; issued 4,175,824 shares in 2006 and 4,161,824 in 2005, including treasury stock	10,438	10,405
Treasury stock, at cost - 678,991 shares in 2006 and 2005	(5,439)	(5,439)
Additional paid-in capital	2,867	2,624
Retained earnings	10,726	7,547
Accumulated other comprehensive loss:		
Translation adjustment	10	(182)
Minimum pension liability	(890)	(890)
	-----	-----
	(880)	(1,072)
	-----	-----
Total stockholders' equity	17,712	14,065
	-----	-----
Total liabilities and stockholders' equity	\$ 38,724	\$ 28,194
	=====	=====

See notes to condensed consolidated financial statements.

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ACME UNITED CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(UNAUDITED)
(all amounts in thousands, except per share amounts)

	Three Months Ended September 30		Nine Months Ended September 30	
	2006	2005	2006	2005
Net sales	\$ 15,532	\$ 13,400	\$ 44,774	\$ 38,887
Costs and expenses:				
Cost of goods sold	8,908	7,234	25,170	21,129
Selling, general and administrative expenses	4,506	4,159	13,760	12,455
Provision for loss on property demolition	-	1,500	-	1,500
	-----	-----	-----	-----
	13,414	12,893	38,930	35,084
Income before non-operating items	2,118	507	5,844	3,803
Non-operating items:				
Interest expense	207	83	462	139
Other (income) expense, net	(35)	86	(149)	232
	-----	-----	-----	-----
	172	169	313	371
Income before income taxes	1,946	338	5,531	3,432
Income tax expense	721	138	2,041	1,268
	-----	-----	-----	-----
Net income	1,225	200	3,490	2,164
	=====	=====	=====	=====
Basic earnings per share	\$ 0.35	\$ 0.06	\$ 1.00	\$ 0.62
	=====	=====	=====	=====
Diluted earnings per share	\$ 0.33	\$ 0.05	\$ 0.94	\$ 0.57
	=====	=====	=====	=====
Weighted average number of common shares outstanding- denominator used for basic per share computations	3,496	3,542	3,490	3,517
Weighted average number of dilutive stock options outstanding	241	298	238	296
	-----	-----	-----	-----
Denominator used for diluted per share computations	3,737	3,840	3,728	3,813
	=====	=====	=====	=====
Dividends declared per share	0.03	0.03	0.09	0.08
	=====	=====	=====	=====

See notes to condensed consolidated financial statements.

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ACME UNITED CORPORATION
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(UNAUDITED)
(all amounts in thousands)

	Nine Months Ended September 30	
	2006	2005
Operating Activities:		
Net income	\$ 3,490	\$ 2,164
Adjustments to reconcile net income to net cash provided (used) by operating activities:		
Depreciation	598	400
Amortization	25	32
Stock compensation expense	222	-
Deferred income taxes	-	(133)
Loss on disposal/sale of assets	-	61
Tax benefit on stock option exercise	-	300
Changes in operating assets and liabilities:		
Accounts receivable	(5,508)	(2,421)
Inventories	(2,908)	(3,448)
Prepaid expenses and other current assets	(217)	(118)
Accounts payable	1,453	(381)
Other accrued liabilities	(1,156)	688
	-----	-----
Total adjustments	(7,491)	(5,020)
	-----	-----
Net cash used by operating activities	(4,001)	(2,856)
	-----	-----
Investing Activities:		
Purchase of property, plant, and equipment	(357)	(1,165)
Purchase of patents and trademarks	(116)	(134)
Proceeds from sale of property, plant, and equipment	-	165
	-----	-----
Net cash used by investing activities	(473)	(1,134)
	-----	-----
Financing Activities:		
Net long-term borrowings	6,539	5,160
Distribution to stockholders	(324)	(263)
Purchase of treasury stock	-	(3,201)
Proceeds from exercise of stock options	57	813
	-----	-----
Net cash provided by financing activities	6,272	2,509
	-----	-----
Effect of exchange rate changes	(20)	111
	-----	-----
Net change in cash and cash equivalents	1,778	(1,370)
Cash and cash equivalents at beginning of period	1,076	1,888
	-----	-----
Cash and cash equivalents at end of period	\$ 2,854	\$ 518
	=====	=====

See notes to condensed consolidated financial statements.

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

Note 1 -- Basis of Presentation

In the opinion of management, the accompanying condensed consolidated financial statements include all adjustments necessary to present fairly the financial position, results of operations and cash flows of Acme United Corporation (the "Company"). These adjustments are of a normal, recurring nature. However, the financial statements do not include all of the disclosures normally required by accounting principles generally accepted in the United States of America or those normally made in the Company's Annual Report on Form 10-K. Please refer to the Company's Annual Report on Form 10-K for the year ended December 31, 2005 for such disclosures. The condensed consolidated balance sheet as of December 31, 2005 was derived from the audited consolidated balance sheet as of that date. The results of operations for interim periods are not necessarily indicative of the results to be expected for the full year. The

information included in this Quarterly Report on Form 10-Q should be read in conjunction with the Management's Discussion and Analysis of Financial Condition and Results of Operations and financial statements and notes thereto, included in the Company's 2005 Form 10-K.

Note 2 -- Contingencies

The Company is involved from time to time in disputes and other litigation in the ordinary course of business and may encounter other contingencies, which may include environmental and other matters. The Company presently believes that none of these matters, individually or in the aggregate, would be likely to have a material adverse impact on financial position, results of operations or liquidity.

Note 3 -- Pension

Components of net periodic pension cost are as follows:

	Three Months Ended		Nine Months Ended	
	September 30 2006	September 30 2005	September 30 2006	September 30 2005
Components of net periodic benefit cost:				
Interest cost	\$ 46,974	\$ 51,057	\$ 140,922	\$ 153,172
Service cost	7,500	8,750	22,500	26,250
Expected return on plan assets	(57,149)	(65,022)	(171,447)	(195,067)
Amortization of prior service costs	2,194	2,194	6,582	6,582
Amortization of actuarial gain	23,204	16,551	69,612	49,653
	\$ 22,723	\$ 13,530	\$ 68,169	\$ 40,590

Note 4 -- Long Term Debt and Capital Structure

The Company's revolving loan agreement, as amended, provides for borrowing up to \$15 million with all amounts outstanding to be repaid by June 30, 2009. At September 30, 2006 and December 31, 2005, the Company had borrowings under the revolving loan agreement of \$12,018,000 and \$5,544,500, respectively. Based on the scheduled maturity date, the Company has classified these borrowings at September 30, 2006 as long-term.

During the first nine months of 2006, the Company issued 14,000 shares of common stock upon the exercise of outstanding stock options with proceeds of \$56,780.

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Note 5-- Non-Recurring Charge

In the quarter ended September 30, 2005, the Company accrued a charge of \$1.5 million related to the estimated costs to demolish the Company's former manufacturing facility located in Bridgeport, CT, and to remove certain environmentally hazardous material contained in the buildings to be demolished. The estimated costs were based on a third party contractor's estimate. During the third quarter 2006, demolition of the buildings was completed and the Company is currently exploring its options to sell the property.

As of September 30, 2006, the Company had approximately \$275,000 remaining in its accrual for demolition costs for the former manufacturing facility, which the Company expects to pay during the fourth quarter of 2006. Please refer to Company's Annual Report on Form 10-K for the year ended December 31, 2005 for a more detailed discussion.

Note 6-- Segment Information

The Company reports financial information based on the organizational structure used by management for making operating and investment decisions and for assessing performance. The Company's reportable business segments include: (1) United States; (2) Canada and (3) Europe. The activities of the Company's

Asian operating segment are closely linked to those of the U.S. operating segment; consequently, management reviews the financial results of both segments on a consolidated basis. Therefore, the results of the Asian operating segment have been aggregated with the results of the United States operating segment to form one reportable segment called the "United States" operating segment herein. The determination of reportable segments is based on the guidance set forth in SFAS No. 131, "Disclosures about Segments of an Enterprise and Related Information". Each reportable segment derives its revenue from the sales of cutting devices, measuring instruments and safety products for school, office, home and industrial use.

The Chief Operating Decision Maker evaluates the performance of each operating segment based on segment revenues and operating income. Segment amounts are presented after converting to U.S. dollars and consolidating eliminations.

Financial data by segment:

(in thousands)

Sales to external customers:	Three months ended September 30		Nine months ended September 30	
	2006	2005	2006	2005
United States	\$ 11,999	\$ 10,608	\$ 34,916	\$ 30,466
Canada	1,964	1,746	5,876	5,297
Europe	1,569	1,046	3,983	3,124
Consolidated	\$ 15,532	\$ 13,400	\$ 44,774	\$ 38,887
Operating Income:				
United States	\$ 2,070	\$ 396	\$ 5,797	\$ 3,375
Canada	193	130	583	452
Europe	(145)	(19)	(536)	(24)
Consolidated	\$ 2,118	\$ 507	\$ 5,844	\$ 3,803
Assets by segment	September 30 2006	December 31 2005		
United States	\$ 28,481	\$ 21,735		
Canada	6,174	3,900		
Europe	4,069	2,559		
Consolidated	\$ 38,724	\$ 28,194		

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Note 7 - Stock Based Compensation

Effective January 1, 2006, the Company adopted the provisions of, and accounted for stock-based compensation in accordance with, the Financial Accounting Standards Board's ("FASB") Statement of Financial Accounting Standards No. 123--revised 2004 ("SFAS 123R"), "Share-Based Payment" which replaced Statement of Financial Accounting Standards No. 123 ("SFAS 123"), "Accounting for Stock-Based Compensation" and supersedes APB Opinion No. 25 ("APB 25"), "Accounting for Stock Issued to Employees." Under the fair value recognition provisions of SFAS 123R, stock-based compensation cost is measured at the grant date based on the fair value of the award and is recognized as expense over the requisite service period, which is generally the vesting period. The Company adopted SFAS 123R using the modified-prospective methods, under which prior periods are not restated for comparative purposes. The valuation provisions of SFAS 123R apply to new grants and any grants that were outstanding as of the effective date and are subsequently modified. Estimated compensation for grants that were outstanding as of the effective date will be recognized over the remaining service period using the compensation cost estimated for pro forma disclosures.

The Company uses the Black-Scholes option pricing model to determine the fair value of employee and non-employee director stock options. The determination of the fair value of stock-based payment awards on the date of grant, using an option-pricing model, is affected by our stock price as well as assumptions regarding a number of complex and subjective variables. These assumptions include estimating the length of time employees will retain their vested stock options before exercising them ("expected term"), the estimated volatility of the Company's common stock price over the expected term ("volatility") and the number of options that will not fully vest in accordance with applicable vesting requirements ("forfeitures").

The Company estimates the expected term of options granted by evaluating various factors including the vesting period, historical employee information as well as current and historical stock prices and market conditions. The Company estimates the volatility of its common stock by calculating historical volatility based on the closing stock price on the last day of each of the forty-eight months leading up to the month the option was granted. The risk-free interest rate that the Company uses in the option valuation model is the interest rate on U.S. Treasury zero-coupon issues with remaining terms similar to the expected term of the options granted. Historical information was the basis for calculating the dividend yield. The Company is required to estimate forfeitures at the time of grant and to revise those estimates in subsequent periods if actual forfeitures differ from those estimates. The Company used a mix of historical data and future assumptions to estimate pre-vesting option forfeitures and to record stock-based compensation expense only for those awards that are expected to vest. All stock-based payment awards are amortized over the requisite service periods of the awards, which are generally the vesting periods. In the third quarter of 2006, the Company modified its vesting schedule for new grants. Grants issued after June 30, 2006 vest at a rate of 25% one day after the first anniversary of the grant date and 25% one day after each of the next three anniversaries. Options granted prior to July 1, 2006 vest at a rate of 25% one day after the date of grant and 25% on the day after the anniversary of the grant date in each of the next three years.

The assumptions used to value option grants for the three and nine months ended September 30, 2006 and September 30, 2005 are as follows:

	Three months ended September 30		Nine months ended September 30	
	2006	2005	2006	2005
Expected life in years	5	5	4-5	5
Interest rate	4.91%	4.15%	4.32 - 4.91%	3.72 - 3.90%
Volatility	0.33	0.35	.33 - .34	0.35 - 0.39
Dividend yield	0.80%	0.70%	0.80 - 0.90%	0.70%

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Total stock-based compensation recognized on the Company's consolidated statement of operations for the three and nine months ended September 30, 2006 is \$48,313 and \$221,685, respectively. As of September 30, 2006, there was approximately \$423,967 of unrecognized compensation cost, adjusted for estimated forfeitures, related to non-vested stock-based payments granted to the Company's employees. As of September 30, 2006, the remaining unamortized expense is expected to be recognized over a weighted average period of 1.9 years.

The pro forma effects of recognizing the estimated fair value of stock-based compensation for the three and nine months ended September 30, 2005 has been disclosed previously in the Company's footnotes under provisions of SFAS 123. The previously-disclosed pro forma information, as adjusted to reflect a 36 month, instead of a 48 month option vesting schedule, is presented below.

	Three Months Ended September 30, 2005	Nine Months Ended September 30, 2005
Net income, as reported	\$ 200,101	\$ 2,164,000

Deduct: Total stock-based employee compensation expense determined under fair value based method for all awards, net of related income tax effects

Pro forma net income	\$ 151,767	\$ 1,863,962
Net income per share:		
Basic-as reported	\$ 0.06	\$ 0.62
Basic-pro forma	\$ 0.04	\$ 0.53
Diluted-as reported	\$ 0.05	\$ 0.57
Diluted-pro forma	\$ 0.04	\$ 0.49

Note 8 - Comprehensive Income

Comprehensive income for the three and nine months ended September 30, 2006 and September 30, 2005 consisted of the following:

	Three Months Ended September 30		Nine Months Ended September 30	
	2006	2005	2006	2005
Net Income	1,225	200	3,490	2,164
Other comprehensive (loss) income -				
Foreign currency translation	(31)	269	192	173
Change in fair value of derivative financial instrument		(2)		55
Comprehensive income	\$ 1,194	\$ 467	\$ 3,683	\$ 2,392

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MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

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

Forward-Looking Information

The Company may from time to time make written or oral "forward-looking statements" including statements contained in this report and in other communications by the Company, which are made in good faith by the Company pursuant to the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995.

These forward-looking statements include statements of the Company's plans, objectives, expectations, estimates and intentions, which are subject to change based on various important factors (some of which are beyond the Company's control). The following factors, in addition to others not listed, could cause the Company's actual results to differ materially from those expressed in forward looking statements: the strength of the domestic and local economies in which the Company conducts operations, changes in client needs and consumer spending habits, the impact of competition and technological change on the Company, the Company's ability to manage its growth effectively, including its ability to successfully integrate any business which it might acquire, and currency fluctuations. See the more detailed discussion of such factors which is set forth in Item 1A "Risk Factors", of Part 1 of the Company's Form 10-K. All forward-looking statements in this report are based upon information available to the Company on the date of this report. The Company undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, or otherwise, except as required by law.

Critical Accounting Policies

There have been no material changes to our critical accounting policies and estimates from the information provided in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, included in our Annual Report on Form 10-K for the fiscal year ended December 31, 2005, except as follows:

Accounting for Stock-Based Compensation. In the first quarter of 2006, the Company began accounting for stock-based compensation in accordance with the fair value recognition provisions of Statement of Financial Accounting Standards No. 123R. ("SFAS 123R") The Company uses the Black-Scholes option - pricing model, which requires the input of subjective assumptions. These assumptions include estimating the length of time employees will retain their vested stock options before exercising them ("expected term"), the estimated volatility of the Company's common stock price over the expected term ("volatility") and the number of options that will ultimately not complete their vesting requirements ("forfeitures"). Changes in the subjective assumptions can materially affect the estimate of fair value stock-based compensation and, consequently, the related amount recognized on the consolidated statements of operations. Refer to Note 7 "Stock Based Compensation" in the Notes to Condensed Consolidated Financial Statements in this report for a more detailed discussion of the effects of SFAS 123R on our results of operations and financial condition.

Results of Operations

Net Sales

Traditionally, the Company's sales are stronger in the second and third quarters, and weaker in the first and fourth quarters of the fiscal year due to the seasonal nature of the back-to-school season. Consolidated net sales for the three months ended September 30, 2006 were \$15,532,000 compared with \$13,400,000 in the same period of 2005, a 16% increase. Consolidated net sales for the nine months ended September 30, 2006 were \$44,774,000, compared with \$38,887,000 for the same period in 2005, a 15% increase (14% at constant currency). Net sales for the three months ended September 30, 2006 in the U.S. operating segment increased 13%. Net sales in the European and Canadian operating segments increased 50% (43% at constant currency) and 12% (5% at constant currency), respectively. Net sales for the nine months ended September 30, 2006 in the U.S., European and Canadian operating segments increased 15%, 27% (29% at constant currency) and 11% (2% at constant currency), respectively. The increase in the U.S. segment is the result of sales initiatives with several major retailers and superstores, entry into the pencil sharpener market and market share gains. Sales in Europe were positively impacted by new sales to a large pan-European superstore and an expanded product line with a major European retailer.

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Gross Profit

Gross profit for the three months ended September 30, 2006 was \$6,624,000 (42.6% of net sales) compared to \$6,166,000 (46.0% of net sales) for the same period in 2005. Gross profit for the nine months ended September 30, 2006 was \$19,604,000 (43.8% of net sales), compared to \$17,758,000 (45.7% of net sales) in the same period of 2005. The lower margins for the three and nine months ended September 30, 2006 are primarily the result of higher sales of items in the highly competitive back to school market and the introduction of new private label programs in the U.S. and Europe, which yield lower margins. Also contributing to the decline were expedited freight costs and other expenses associated with the new business in Europe.

Selling, General and Administrative Expenses

Selling, general and administrative ("SG&A") expenses for the three months ended September 30, 2006 were \$4,506,000 (29.0% of net sales), compared with \$4,159,000 (31.0% of net sales) for the same period in 2005, an increase of \$347,000. SG&A expenses for the nine months ended September 30, 2006 were \$13,760,000 (30.7% of net sales) compared with \$12,455,000 (32.0% of net sales) in the comparable period of 2005. The increases in SG&A expenses for the three and nine months ended September 30, 2006 are primarily the result of the addition of sales, marketing, logistics and quality control personnel and higher sales commissions and freight costs associated with higher sales. SG&A expense includes stock compensation of \$48,313 and \$221,685 for the three and nine months ended September 30, 2006, respectively.

Operating Income

Operating income for the three months ended September 30, 2006 was \$2,118,000, compared with \$507,000 in the same period of 2005. Operating income for the nine months ended September 30, 2006 was \$5,844,000, as compared to \$3,803,000 in the same period of 2005; operating income in the U.S. segment for

the three and nine months ended September 30, 2006 increased by \$1,674,000 and \$2,422,000, respectively. Excluding the \$1,500,000 non-recurring charge in the third quarter of 2005, operating income for the three and nine months ended September 30, 2005 increased by \$174,000 and \$922,000, respectively; operating income in Canada for the three and nine months ended September 30, 2006 increased by \$63,000 and \$131,000 or 49% and 29%, respectively, due to improved gross margins. The European operating loss increased during the three and nine months ended September 30, 2006 by \$126,000 and \$512,000, respectively, primarily due to expedited freight costs and other expenses associated with the launch of the new customer programs.

Interest Expense

Interest expense for the three months ended September 30, 2006 was \$207,000, compared with \$83,000 for the same quarter of 2005, an increase of \$124,000. Interest expense for the nine months ended September 30, 2006 was \$462,000, as compared to \$139,000 for the same period in 2005. The increases in interest expense were primarily the result of higher borrowings under the Company's bank revolving credit facility to fund inventory purchases, and to demolish a former manufacturing site, and a higher applicable LIBOR interest rate.

Other (Income) Expense, Net

Net other income was \$35,000 in the third quarter of 2006 compared to net other expense of \$86,000 in the third quarter of 2005. Net other income was \$149,000 in the first nine months of 2006 compared to net other expense of \$232,000 in the first nine months of 2005. The change to income in the 2006 periods, from expense in the 2005 periods are primarily due to increased gains from foreign currency transactions in the first nine months of 2006 compared to losses from foreign currency transactions in the first nine months of 2005.

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Income Taxes

The effective tax rate in the first nine months of 2006 and 2005 was 37%.

Financial Condition

Liquidity and Capital Resources

The Company's working capital, current ratio and long-term debt to equity ratio follow:

	September 30, 2006	December 31, 2005
	-----	-----
Working capital	\$ 26,721,458	\$ 16,325,098
Current ratio	4.44	3.17
Long term debt to equity ratio	68.4%	39.7%

During the first nine months of 2006, total debt outstanding under the Company's modified revolving loan agreement increased by \$6,473,000 compared to total debt at December 31, 2005, principally as a result of the buildup of inventory in anticipation of future business and payments associated with the demolition of the Company's former manufacturing site located in Bridgeport, CT (approximately \$1.2 million). Also contributing to the increased borrowing was a reduction in cash flow which resulted from the extended payment terms granted to customers as part of the Company's Back to School program. Payments for sales of product during that program are generally due October 1. Refer to Note 5 "Non-Recurring Charges" in the Notes to Condensed Consolidated Financial Statements in this report for further information regarding the demolition of the Company's former manufacturing facility.

On March 6, 2006, the Company modified its Revolving Loan Agreement (the "Modified Loan Agreement") with Wachovia Bank. The amendments include an increase in the maximum borrowing amount from \$10 million to \$15 million; an extension of the maturity date from September 30, 2007 to June 30, 2009; a decrease in the interest rate to LIBOR plus 1% from LIBOR plus 1.5%, as well as the relaxation of certain covenant restrictions. Funds borrowed under the Modified Loan Agreement will be used for working capital, general operating expenses and other purposes. As of September 30, 2006, \$12,018,000 was

outstanding and \$2,982,000 was available for borrowing under the Modified Loan Agreement. The remaining estimated demolition costs of approximately \$275,000 related to the former manufacturing site will be paid with funds to be borrowed under the Modified Loan Agreement.

The Company anticipates that cash generated from operating activities, together with funds available under the Modified Loan Agreement, are expected, under current conditions, to be sufficient to finance the Company's planned operations over the next twelve months.

(13)

MANAGEMENT'S DISCUSSION AND ANALYSIS OF
FINANCIAL CONDITION AND RESULTS OF OPERATIONS-Continued

Recently Issued Accounting Standards

In September 2006, FASB issued SFAS No. 158, "Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans, an amendment of FASB Statements No. 87, 88, 106 and 132(R)" ("SFAS 158"). SFAS 158 requires an employer to recognize the over-funded or under-funded status of a defined benefit postretirement plan (other than a multi-employer plan) as an asset or liability in its statement of financial position and to recognize changes in that funded status in the year in which the changes occur through comprehensive income. SFAS 158 also requires the measurement of defined benefit plan assets and obligations as of the date of the employer's fiscal year-end statement of financial position (with limited exceptions). SFAS 158 is effective for the fiscal year ending after December 15, 2006. The Company is currently evaluating the impact SFAS 158 will have on our consolidated financial statements.

In June 2006, the FASB issued FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes--an interpretation of FASB Statement No. 109 ("FIN 48"), which clarifies the accounting for uncertainty in income tax positions. This Interpretation requires that the Company recognize in the consolidated financial statements the impact of a tax position that is more likely than not to be sustained upon examination based on the technical merits of the position. The provisions of FIN 48 will be effective as of the beginning of the Company's 2007 fiscal year. The Company is currently evaluating the impact of adopting FIN 48 on the consolidated financial statements.

In November 2004, the FASB issued SFAS No. 151, "Inventory Costs, an amendment of ARB No. 43, Chapter 4," to clarify that abnormal amounts of idle facility expense, freight, handling costs and wasted material (spoilage) should be recognized as current period charges, and that fixed production overhead costs should be allocated to inventory based on normal capacity of production facilities. This statement is effective for the Company's fiscal year 2006. The adoption of this standard has not had a material effect on its financial position, results of operations or cash flows.

Item 3. Quantitative and Qualitative Disclosure About Market Risk

There are no material changes in market risks as disclosed in our Annual Report on Form 10-K for the year ended December 31, 2005.

Item 4. Controls and Procedures

(a) Evaluation of Internal Controls and Procedures

Our Chief Executive Officer and Chief Financial Officer have reviewed and evaluated the effectiveness of our disclosure controls and procedures, which included inquiries made to certain other of our employees. Based on their evaluation, our Chief Executive Officer and Chief Financial Officer have each concluded that, as of September 30, 2006, our disclosure controls and procedures were effective and sufficient to ensure that we record, process, summarize and report information required to be disclosed by us in our periodic reports filed under the Securities and Exchange Commission's rules and forms.

(b) Changes in Internal Control over Financial Reporting

During the quarter ended September 30, 2006, there were no changes in our internal control over financial reporting that has materially affected, or is

reasonably likely to materially affect, this internal control.

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PART II. OTHER INFORMATION

Item 1 -- Legal Proceedings

The Company is involved from time to time in disputes and other litigation in the ordinary course of business, including certain environmental and other matters. The Company presently believes that none of these matters, individually or in the aggregate, would be likely to have a material adverse impact on its financial position, results of operations, or liquidity from these matters.

Item 1A - Risk Factors

See Risk Factors set forth in Part I, Item 1A of the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2005.

Item 2 -- Unregistered Sales of Equity Securities and Use of Proceeds

None.

Item 3 -- Defaults Upon Senior Securities

None.

Item 4 -- Submission of Matters to a Vote of Security Holders

None.

Item 5 -- Other Information

None.

Item 6 -- Exhibits

Documents filed as part of this report.

Exhibit 31.1 Certification of Walter C. Johnsen pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

Exhibit 31.2 Certification of Paul G. Driscoll pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

Exhibit 32.1 Certification of Walter C. Johnsen pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Exhibit 32.2 Certification of Paul G. Driscoll pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

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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.

ACME UNITED CORPORATION

By /s/ WALTER C. JOHNSEN

Walter C. Johnsen
President and
Chief Executive Officer

Dated: November 7, 2006

By /s/ PAUL G. DRISCOLL

 Paul G. Driscoll
 Vice President and
 Chief Financial Officer

Dated: November 7, 2006

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, WALTER C. JOHNSEN, certify that:

I have reviewed this Quarterly Report on Form 10-Q of Acme United Corporation;

Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:

- (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- (b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- (c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

- (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By /s/ WALTER C. JOHNSEN

 Walter C. Johnsen
 President and
 Chief Executive Officer

Dated: November 7, 2006

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, PAUL G. DRISCOLL, certify that:

I have reviewed this Quarterly Report on Form 10-Q of Acme United Corporation;

Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:

- (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- (b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- (c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

- (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By /s/ PAUL G. DRISCOLL

 Paul G. Driscoll
 Vice President and
 Chief Financial Officer

Dated: November 7, 2006

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

The undersigned officer of Acme United Corporation (the "Company") hereby certifies to my knowledge that the Company's quarterly report on Form 10-Q for the quarterly period ended September 30, 2006 (the "Report"), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. This certification is provided solely pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and shall not be deemed to be a part of the Report or "filed" for any purpose whatsoever.

By /s/ WALTER C. JOHNSEN

 Walter C. Johnsen
 President and
 Chief Executive Officer

Dated: November 7, 2006

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Acme United Corporation and will be retained by Acme United Corporation and furnished to the Securities and Exchange Commission or its staff upon request.

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

The undersigned officer of Acme United Corporation (the "Company") hereby certifies to my knowledge that the Company's quarterly report on Form 10-Q for the quarterly period ended September 30, 2006 (the "Report"), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. This certification is provided solely pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and shall not be deemed a part of the Report or "filed" for any purpose whatsoever.

By /s/ PAUL G. DRISCOLL

 Paul G. Driscoll
 Vice President and
 Chief Financial Officer

Dated: November 7, 2006

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Acme United Corporation and will be retained by Acme United Corporation and furnished to the Securities and Exchange Commission or its staff upon request.