SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 10-Q

[X] QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE	SECURITIES EXCHANGE ACT OF 1934
For the quarterly period ended Jur	
[] TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE I	
Commission file number 333-	-41092
Mirenco	, Inc.
(Exact name of small business issue	er as specified in its charter)
Iowa (State or other jurisdiction of incorporation or organization)	39-1878581 (IRS Employer Identification No.)
206 May Street, P.O. Box 343, (Address of principal ex	
(515) 899-2 (Issuer's telephone	
(Former name, former address and former fiscal	year, if changed since last report)
Indicate by check mark whether the registrant (1) has filed all reports required to Exchange Act of 1934 during the preceding 12 months (or for such shorter peri and (2) has been subject to such filing requirements for the past 90 days. Yes [X] No []	
Indicate by check mark whether the registrant has submitted electronically and Interactive Data File required to be submitted and posted pursuant to Rule 405 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 accreporting company. See definition of "accelerated filer and large accelerated filer Large accelerated filer [] Accelerated filer [] Non-accelerated filer	ler" in Rule 12b-2 of the Exchange Act.
Indicate by check mark whether the registrant is a shell company (as defined in Yes $\begin{bmatrix} & & \\ & & \end{bmatrix}$ No $\begin{bmatrix} X \end{bmatrix}$	Rule 12b-2 of the Exchange Act).
Indicate the number of shares outstanding of each of the issuer's classes of com-	nmon stock, as of the latest practicable date. Number of

Common Shares outstanding at August 14, 2009: 31,449,677.

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Cautionary Statement on Forward-Looking Statements.

The discussion in this Report on Form 10-Q, including the discussion in Item 2 of PART I, contains forward-looking statements that have been made pursuant to the provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are based on current expectations, estimates and projections about the Company's business, based on management's current beliefs and assumptions made by management. Words such as "expects", "anticipates", "intends", believes", "plans", "seeks", "estimates", and similar expressions or variations of these words are intended to identify such forward-looking statements. Additionally, statements that refer to the Company's estimated or anticipated future results, sales or marketing strategies, new product development or performance or other non-historical facts are forward-looking and reflect the Company's current perspective based on existing information. These statements are not guarantees of future performance and are subject to certain risks, uncertainties and assumptions that are difficult to predict. Therefore, actual results and outcomes may differ materially from what is expressed or forecasted in any such forward-looking statements. Such risks and uncertainties include those set forth below in Item 1 as well as previous public filings with the Securities and Exchange Commission. The discussion of the Company's financial condition and results of operations included in Item 2 of PART I should also be read in conjunction with the financial statements and related notes included in Item 1 of PART I of this quarterly report. These quarterly financial statements do not include all disclosures provided in the annual financial statements and should be read in conjunction with the "Risk Factors" and annual financial statements and notes thereto included in the Company's Form 10-K/A for the year ended December 31, 2008 as filed with the Commission on June 12, 2009. The Company undertakes no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise.

MIRENCO, Inc. CONDENSED BALANCE SHEETS

CURRENT ASSETS	Unaudited) 2.466 \$ 93.	
CCTGENTINGSETS	2.466 \$ 02	
Cash and cash equivalents \$	2,466 \$ 93,	608
Accounts receivable	45,516 72,	015
Inventories	107,265 102,	251
Prepaid expenses	1,546 1,	546
Total current assets	156,793 269,	420
PROPERTY AND EQUIPMENT, net	459,055 473,	382
PATENTS AND TRADEMARKS, net	13,273 14,	444
<u> \$ </u>	629,121 \$ 757,	246
LIABILITIES AND STOCKHOLDERS' EQUITY (DEFICIT)		
CURRENT LIABILITIES		
Current portion of note payable	35,232 \$ 45,	111
Accounts payable	254,928 216,	521
Accrued expenses	24,050 24,	663
Due to officers	45,191 85,	420
Other current liabilities	12,000 12,	000
Dividends on preferred redeemable shares	2,947 2,	406
Notes payable to related parties	10,000 10,	000
Total current liabilities	384,348 396,	121
LONG TERM LIABILITIES		
Notes payable, less current portion	335,109 209,	592
Shares subject to mandatory redemption	18,256 18,	256
Total long term liabilities	353,365 227,	848
STOCKHOLDERS' EQUITY (DEFICIT)		
Preferred stock, \$.01 par value, 50,000,000 shares authorized	-	-
no shares issued or outstanding		
Common stock, no par value: 100,000,000 shares authorized,		
31,319,877 (2009) and 30,983,722 (2008) shares issued and outstanding	10,804,724 10,750,	778
Additional paid-in capital	1,714,954 1,714,	954
Accumulated (deficit) (1	2,628,270) (12,332,4	55)
	(108,592) 133,	277
\$	629,121 \$ 757,	246

MIRENCO, Inc. CONDENSED STATEMENTS OF OPERATIONS (Unaudited)

	Three Months Ended June 30, 2009		ree Months Ended ae 30, 2008
Sales	\$	95,682	\$ 268,385
Cost of sales		61,152	 109,998
Gross profit		34,530	 158,387
Salaries and wages		92,266	92,525
Other general and administrative expenses		63,237	 88,925
		155,503	 181,450
(Loss) from operations		(120,973)	 (23,063)
Other income (expense)			
Interest income		1	1
Interest expense		(8,437)	(129)
		(8,436)	 (128)
NET (LOSS)	\$	(129,409)	\$ (23,191)
Net (loss) per share available for common shareholders - basic and diluted	\$	(0.00)	\$ (0.00)
Weighted-average shares outstanding - basic and diluted		31,247,139	 28,182,405

See the accompanying notes to the condensed financial statements.

MIRENCO, Inc. CONDENSED STATEMENTS OF OPERATIONS (Unaudited)

	Six Months Ended			x Months Ended
	Jun	June 30, 2009		200, 2008
Sales	\$	207,793	\$	470,129
Cost of sales		127,717		181,219
Gross profit		80,076		288,910
Salaries and wages		210,131		216,820
Other general and administrative expenses		150,821		148,843
		360,952		365,663
(Loss) from operations		(280,876)		(76,753)
Other income (expense)				
Interest income		2		2
Interest expense		(14,941)		(11,529)
		(14,939)		(11,527)
NET (LOSS)	\$	(295,815)	\$	(88,280)
Net (loss) per share available for common		(0.04)		(0.00)
shareholders - basic and diluted		(0.01)		(0.00)
Weighted-average shares outstanding -				
basic and diluted		31,192,173		27,981,924

See the accompanying notes to the condensed financial statements.

MIRENCO, Inc. CONDENSED STATEMENTS OF CASH FLOWS (unaudited)

	Six Months Ended June 30, 2009		Ended En		
Cash flows from operating activities					
Net cash (used in) operating activities	\$	(225,108)	\$	(265,235)	
Cash flows from investing activities					
Net cash (used in) investing activities				(25,060)	
Cash flows from financing activities					
Proceeds from issuance of stock	Proceeds from issuance of stock 18,		328 300,00		
Principal payments on long-term debt:					
Banks and others		(19,361)		(70,933)	
Proceeds from long term borrowing		135,000		250,000	
Net cash provided by financing activities		133,967		479,067	
Increase (decrease) in cash and cash equivalents		(91,142)		188,772	
Cash and cash equivalents, beginning of period		93,608		9,738	
Cash and cash equivalents, end of period	\$	2,466	\$	198,510	
Supplementary disclosure of cash flow information:					
Cash paid during the quarter for interest	\$	14,717	\$	6,330	
Cash paid during the quarter for taxes	\$		\$		
Non-cash, investing and financing activities:					
Common stock issued for notes payable and accrued interest payable to related parties	\$	35,618	\$	112,612	

See the accompanying notes to the condensed financial statements.

MIRENCO, Inc. NOTES TO CONDENSED FINANCIAL STATEMENTS June 30, 2009 (Unaudited)

NOTE A – BASIS OF PRESENTATION

The accompanying unaudited financial statements have been prepared in accordance with generally accepted accounting principles (GAAP) for interim financial information and Article 10 of Regulation S-X. They do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments (consisting only of normal recurring adjustments) considered necessary for a fair presentation have been included.

The results of operations for the periods presented are not necessarily indicative of the results to be expected for the full year. For further information, refer to the financial statements of the Company included in the Company's Form 10-K/A for the year ended December 31, 2008 as filed with the Commission on June 12, 2009.

NOTE B – INVENTORY

Inventories, consisting of purchased finished goods ready for sale, are stated at the lower of cost (as determined by the first-in, first-out method) or market. In addition, we maintain a reserve for the estimated value associated with damaged, excess or obsolete inventory. The reserve generally includes inventory that has turn days in excess of 365 days, or discontinued items. At June 30, 2009 our inventory reserve amounted to \$54,323.

NOTE C - REALIZATION OF ASSETS

The accompanying financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America, which contemplate continuation of the Company as a going concern. Net loss for the six months ended June 30, 2009 was \$295,815, and the Company had a working capital deficit of \$227,555 at June 30, 2009. The Company has incurred net losses aggregating \$12,628,270 from inception, and may continue to incur net losses in the future. If revenues do not increase substantially in the near future, additional sources of funds will be needed to maintain operations. These matters give rise to substantial doubt about the Company's ability to continue as a going concern.

Management and other personnel have been focused on product and service development in lieu of product marketing. The Company's management team has diligently explored several market segments relative to the Company's product and service lines. From that exploration, the Company has decided it is in its best interests to explore the use of existing, well-established distribution channels for marketing and selling the DriverMax product line. Management also believes a large market exists for the Company's testing services and the information provided by those services, through the Company's business relationship with Whayne Supply, a Caterpillar dealer in Kentucky. This exclusive contract was announced in the Company's 8-K filing of January 15, 2009. A combination of the products and services has been developed as a long-term program for current and potential customers, particularly in regulated markets. Management will focus on the Company's efforts on the sales of products, services, and programs with sensible controls over expenses. Management believes these steps, if successful, will improve the Company's liquidity and operating results, allowing it to continue in existence.

The financial statements do not include any adjustments to reflect the possible future effects on the recoverability and classification of assets or the amounts and classification of liabilities that may result from the possible inability of the Company to continue as a going concern.

MIRENCO, Inc. NOTES TO CONDENSED FINANCIAL STATEMENTS June 30, 2009 (unaudited)

NOTE D - STOCKHOLDERS' EQUITY (DEFICIT)

During the six months ended June 30, 2009, the Company issued 197,875 shares of common stock at \$.18 per share, which were issued for debt to a related party in the amount of \$35,618.

Also, during the three months ended June 30, 2009, the Company issued 183,280 shares of common stock at \$.10 per share for cash of \$18,328.

In 2007, 50,000 options to purchase common stock at \$.25 per share were issued to an employee, also exercisable through January 31, 2014. Of these options issued to the employee, 10,000 options were fully vested as of the grant date, February 16, 2007, with 20,000 options vested January 1, 2008, and the remaining 20,000 options vested January 1, 2009. The following summarizes the options outstanding at June 30, 2009:

COMMON STOCK OPTIONS

			Wei	ighted-
			av	erage
			ex	ercise
	Number	of shares	p	rice
	Outstanding	per	share	
Outstanding, December 31, 2008	2,191,810	2,171,810	\$	1.01
Granted	-	20,000		0.25
Exercised	-	-		-
Expired				
Outstanding June 30, 2009	2,191,810	2,191,810	\$	0.99

The following table summarizes information about options outstanding at June 30, 2009, under the Compensatory Stock Option Plan:

2009 Compensatory Stock Options and Warrants

Options outstanding			Optio	ons exercisable	
		Weighted-average			
Range of	Number	remaining	Weighted-average	Number	Weighted-average
exercise prices	outstanding	contractual life	exercise price	exercisable	exercise price
\$0.12-\$5.00	2.191.810	4.31	\$ 0.99	2.191.810	\$ 0.99

MIRENCO, Inc. NOTES TO CONDENSED FINANCIAL STATEMENTS June 30, 2009 (unaudited)

NOTE E - NOTES PAYABLE

Effective January 18, 2008, the Company obtained a line of credit that calls for maximum borrowings of \$301,500. The line bears interest at 8% per annum and is due January 18, 2018. As of the date of these financial statements, aggregate draws of \$335,000 have been made against the line of credit. Total payments of \$40,296 have been made on this line of credit as of June 30, 2009.

Notes payable consisted of the following at June 30, 2009:

	Total	Current Portion				ong-term Portion
Note payable to bank in monthly installments of \$3,659, including principal and interest at 8%.	\$ 294,704	\$	21,414		\$	273,290
Note payable to bank in monthly installments of \$1,505, including principal and variable interest, currently 6.00%, guaranteed by stockholder,						
guaranteed by Small Business Administration	75,637		13,818	_		61,819
	\$ 370,341	\$	35,232		\$	335,109

NOTE F - NOTES PAYABLE TO RELATED PARTIES

Notes payable to related parties consisted of the following at June 30, 2009:

	Total	-	Current Portion	Long-term Portion
Notes payable to investors, 9% interest payable				
quarterly, principal due in July, 2010	\$ 10,000	\$	10,000	\$ =

NOTE G - MAJOR CUSTOMERS

During the first six months of 2009, five major customers accounted for 93% of total sales. At June 30, 2009, four customers accounted for 97% of accounts receivable.

Sales.		
A	\$ 75,757.18	35%
В	62,495.00	29%
C	28,057.64	13%
D	22,904.33	11%
E	9,993.26	5%
Totals	<u>\$199,207.41</u>	<u>93%</u>

NOTE H – REVENUES

Gross sales of \$95,682, including \$35,565 in product sales and \$60,117 in sales of services were realized for the three months ended June 30, 2009.

Gross sales of \$207,793,net of credits including \$92,130 in product sales and \$115,663 in sales of services, were realized for the six months ended June 30, 2009

NOTE I – EARNINGS (LOSS) PER SHARE

The Company calculates net income (loss) per share as required by Statement of Financial Accounting Standards (SFAS) 128, "Earnings per Share." Basic earnings (loss) per share is calculated by dividing net income (loss) by the weighted average number of common shares outstanding for the period. Diluted earnings (loss) per share is calculated by dividing net income (loss) by the weighted average number of common shares and dilutive common stock equivalents outstanding. During periods in which the Company incurs losses, common stock equivalents, if any, are not considered, as their effect would be anti-dilutive.

NOTE J - REDEEMABLE, CONVERTIBLE PREFERRED STOCK

Coloc.

In December 2006, Mirenco offered a minimum \$3,000 investment for 25,000 shares of its common stock at \$0.12 per share, plus 500 shares of convertible, redeemable preferred stock valued by the Company at \$1 per share. In connection with this offering, 23,256 shares of the convertible, redeemable preferred stock were issued, of which 5,000 were converted to 25,000 shares of common stock during the period ended September 30, 2007. Each preferred share is convertible at the holder's option, to five shares of the Company's common stock, and carries a cumulative 6% dividend rate through December 31, 2011. The preferred shares may be redeemed by the Company any time after December 31, 2009, and must be fully redeemed on December 31, 2011, together with all cumulative dividends in arrears. Accordingly, the preferred shares are presented as shares subject to mandatory redemption in the accompanying financial statements.

NOTE K - SUBSEQUENT EVENTS

During July and August, 129,800 shares of common stock were issued at \$.10 per share for cash of \$12,980.

NOTE L - RECENT ACCOUNTING PRONOUNCEMENTS

The Company evaluates the pronouncements of various authoritative accounting organizations, primarily the Financial Accounting Standards Board ("FASB"), the SEC, and the Emerging Issues Task Force ("EITF"), to determine the impact of new pronouncements on US GAAP and the impact on the Company.

In June 2009, the FASB issued SFAS No. 168, "The FASB Accounting Standards Codification and the Hierarchy of Generally Accepted Accounting Principles – a replacement of FASB Statement No. 162" ("SFAS 168"). SFAS 168 will become the source of authoritative US GAAP to be applied by nongovernmental entities. Rules and interpretive releases of the SEC under authority of federal securities laws are also sources of authoritative GAAP for public companies. The codification will supersede all non-SEC accounting and reporting standards. All other non-grandfathered non-SEC accounting literature not included in the codification will become non-authoritative. The codification is effective for interim and annual periods ending on or after September 15, 2009. Management is currently evaluating the impact of adopting this statement.

In May 2009, the FASB issued SFAS No. 165, Subsequent Events ("SFAS 165"), which provides general standards of accounting for and disclosure of events that occur after the balance sheet date but before financial statements are issued or are available to be issued. This topic was previously addressed only in auditing literature. SFAS 165 is similar to the existing auditing guidance with some exceptions that are not intended to result in significant changes to practice. Entities are now required to disclose the date through which subsequent events have been evaluated, with such date being the date the financial statements were issued or available to be issued. SFAS 165 is effective on a prospective basis for interim or annual reporting periods ending after June 15, 2009. Management is currently evaluating the impact of adopting this statement.

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Item 2.

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

General and Background

Mirenco, Inc. was organized and incorporated in the State of Iowa on February 21, 1997. We develop, market and distribute technologically advanced products, improving efficiencies in engine combustion and equipment application. Mirenco also offers consultative services in evaluating diesel engines through its Mirenco Diesel Evaluation Procedure, MDEP, which consists of testing procedures, comparison to other engines on its proprietary data base and making recommendations for maintenance activities and/or application of Mirenco's proprietary technology.

Our primary products are derived from technology developed in the United States. They are D-Max, C-Max, EconoCruise and Fuel-Tracker.

In addition to products, Mirenco, Inc. offers consultative services with its Combustion Management Program called MDEP, Mirenco Diesel Evaluation Procedure.

MDEP consists of the evaluation of a diesel engine based on a comparison with like engines. An evaluation is completed by performing a modified SAE-J1667 as well as a MIR 120 Second Transient evaluation. Mirenco has developed an extensive database of evaluation results, for thousands of diesel engines, using these techniques.

From these results, Mirenco can evaluate the condition of an engine, determine commonalities among engine types, evaluate an entire fleet and recommend appropriate maintenance procedures for each specific vehicle. From these results, we can also make recommendations for appropriate engine service that will improve engine combustion.

Mirenco's MDEP has been successfully applied in the underground mining industry to reduce diesel particulate matter. This industry is under strict regulation from the Mining Safety and Health Administration (MSHA) to reduce particulate emissions for the safety of its workers" health. Beginning in 2005, Mirenco introduced the combustion management program, MDEP, D-Max and C-Max products throughout the United States.

The Fuel-Tracker system was designed to meet our customers' demand to accurately monitor fuel consumption for individual pieces of equipment. The Fuel-Tracker system uses a diesel engine's turbo boost pressure to correlate fuel consumption of the engine. With this system it is possible to provide basic fuel consumption information that many customers are looking for, as well as many other management tools. Data from the Fuel-Tracker system provides equipment productivity in percentage of horse power, equipment idle time, shut down time, location for each unit of fuel consumed and much more. Fuel-Tracker technology has proven to be an effective tool to manage equipment maintenance, productivity and operator efficiency.

(2) Marketing methods

Our strategy is to market and sell our products primarily through third party distributors and to a lesser extent through direct sales. For the six months ended June 30, 2009, sales through distributors accounted for 35% of our sales. As disclosed in an 8-K dated January 15, 2009, we have entered into a distributor agreement with Whayne Supply Company. We expect that Whayne will be the exclusive distributor for our Diesel Evaluation Procedure (MDEP), Fuel Tracker, data base management and related services for offroad, heavy equipment and on-highway vehicles and equipment markets throughout the United States and Canada. We believe that our relationship with Wayne will bring value to Mirenco by providing exposure to 60 Caterpillar dealers and their customers, across the US and Canada. During the first six months of 2009, Whayne Supply has been developing a marketing strategy and ramping up sales efforts in the US and Canada. We anticipate increased sales through these third party distributors in the second half of 2009.

We have incurred annual losses since inception while developing and introducing our original products and focusing management and other resources on capitalizing the Company to support future growth. Relatively high management, personnel, consulting and marketing expenditures were incurred in prior years in preparation for the commercialization of our products. We expect distribution and selling expenses to increase directly with sales increases, however, as a percentage of sales, these expenses should decline. It is anticipated that general and administrative expenses may increase as our business expands.

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Liquidity and Capital Resources

As of June 30, 2009, the Company had total current assets of \$156,793 and current liabilities of \$384,348, resulting in a working capital deficit of (\$227,555). The Company's available sources for generating cash for working capital have been through the issuance of common stock, preferred stock and notes payable and, eventually, we expect that working capital will be available through the development of profitable operations.

The Company's future capital requirements will depend on many factors, including expansion of our business; increased sales of both services and products, the cost of third-party financing, development of new revenue resources and administrative expense. We do not expect to expand our facilities during 2009.

Effective January 18, 2008, the Company obtained a line of credit that calls for maximum borrowings of \$301,500. The line bears interest at 8% per annum and is due January 18, 2018. As of the date of these financial statements, aggregate draws of \$335,000 have been made against the line of credit, and payments in the amount of \$40,296 have been made.

The following patent applications have been filed by Dwayne Fosseen and are currently pending in the patent office:

Application 12/130,098 for Fuel Tracking System; filed May 30, 2008

The following patents have been issued, with ownership as described below:

- US Patent No. 6,845,314 for Method and Apparatus for Remote Communication of Vehicle Combustion Performance Parameters; Issued 1/18/2005; Valid until 12/12/2022 (assuming maintenance fees are paid); owned by Mirenco.
- US Patent No. 6,370,472 for Method and Apparatus for Reducing Unwanted Vehicle Emissions Using Satellite Navigations; Issued 4/9/2002; Valid until 9/15/2020 (assuming maintenance fees are paid); owned by Mirenco.
- US Patent No. 5,315,977 for Fuel Limiting Method and Apparatus for an Internal Combustion Engine; Issued 5/31/1994; Valid until 5/31/2011; owned by Dwayne Fosseen, subject to a 1993 license to American Technologies, LC, which license was assigned by American Technologies to Mirenco in 1999.
- US Patent No. 4,958,598 for Engine Emissions Control Apparatus and Method; Issued 9/25/1990; Valid until 10/10/2009; owned by Dwayne Fosseen., subject to a 1993 license to American Technologies, LC, which license was assigned by American Technologies to Mirenco in 1999.
- US Patent No 7,454,284 for Method and Apparatus for Remote Communication and Control of Engine Performance; Issued 11/18/2008; Valid until 2/25/2025; owned by Dwayne Fosseen, subject to a 1993 license to American Technologies, LC which license was assigned by American Technologies to Mirenco in 1999.

We currently have filed for the trademark "Mirenco." We currently own no other registered trademarks.

According to the terms of our agreement with American Technologies to acquire certain patent- rights, we have incurred a 3% royalty of annual gross sales for a period of 20 years, which began November 1, 1999.

The accompanying financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America, which contemplate continuation of the Company as a going concern. Net loss for the six months ended June 30, 2009 was (\$295,815). The Company has incurred net losses aggregating (\$12,628,270) from inception, and may continue to incur net losses in the future. If revenues do not increase substantially in the near future, additional sources of funds will be needed to maintain operations. These matters give rise to substantial doubt about the Company's ability to continue as a going concern.

Management and other personnel have been focused on product and service development in lieu of product marketing. The Company's management team believes it has has diligently explored several market segments relative to the Company's product and service lines.

From that exploration, the Company has decided it is in its best interests to explore the use of existing, well-established distribution channels for marketing and selling the DriverMax product line. Management also believes a large market exists for the Company's testing services and the information provided by those services through the Company's business relationship with Whayne Supply, a Caterpillar dealer in Kentucky. This exclusive contract was announced in the Company's 8-K filing of January 15, 2009. During the first six months of 2009, Whayne Supply has been developing a marketing strategy and ramping up sales efforts in the US and Canada. We anticipate increased sales through these third party distributors in the second half of 2009.

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A combination of the products and services has been developed as a long-term program for current and potential customers, particularly in regulated markets. Management plans to focus on the Company's efforts on the sales of products, services, and programs with sensible controls over expenses. Management believes these steps, if successful, will improve the Company's liquidity and operating results, allowing it to continue in existence.

The financial statements do not include any adjustments to reflect the possible future effects on the recoverability and classification of assets or the amounts and classification of liabilities that may result from the possible inability of the Company to continue as a going concern.

Summary of Significant Accounting Policies

Inventories. Inventories, consisting of purchased finished goods ready for sale, are stated at the lower of cost (as determined by the first-in, first-out method) or market. We evaluate our inventory value at the end of each quarter to ensure that actively moving inventory, when viewed by category, is carried at the lower of cost or market. In addition, we maintain a reserve for the estimated value associated with damaged, excess or obsolete inventory. The reserve generally includes inventory that has turn days in excess of 365 days, or discontinued items. At June 30, 2009, our inventory reserve amounted to \$54,323.

Income Taxes. The Company accounts for income taxes under the asset and liability method, whereby deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates applied to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. Deferred tax assets are recognized to the extent management believes that it is more likely than not that they will be realized.

Impairment of Long-Lived Assets. The carrying value of long-lived assets is reviewed on a regular basis for the existence of facts and circumstances that suggest impairment. During the six months ended June 30, 2009, no material impairment has been indicated. Should there be an impairment, in the future, the Company will measure the amount of the impairment based on the amount that the carrying value of the impaired assets exceed the fair value of the impaired assets.

Accounts Receivable. Accounts receivable are stated at estimated net realizable value. Accounts receivable are comprised of balances due from customers net of estimated allowances for uncollectible accounts. In determining collectability, historical trends are evaluated and specific customer issues are reviewed to arrive at appropriate allowances. We use the direct write-off method for accounts receiveable that are determined to be uncollectable and believe there is no material difference in this method from the allowance method.

Results of Operations

Three months ended June 30, 2009:

Gross sales of \$95,682, including \$35,565 in product sales and \$60,117 in sales of services, were realized for the three months ended June, 2009 and were \$172,203 less than sales of \$268,385 for the same period one year ago. Product sales in the second quarter of 2008 were sold at retail price versus at dealer price in the second quarter of 2009. This difference in price is the result of our exclusive contract with Whayne Supply. This contract was disclosed in our 8K, dated January 15, 2009. Cost of sales for the three months ended June 30, 2009 also includes employment expense for our MDEP reporting services. Prior to 2009 these expenses were included in salary expense. Cost of sales for the three months ended June 30, 2009 was \$61,152 resulting in gross profit of \$34,530, as compared to \$158,387 for the prior year, a net decrease in gross profit of \$123,857. This decrease is due primarily to fewer sales compared to the sales over the same period in the prior year. In the three months ended June 30, 2009, \$49,774 of employment costs were included in Cost of Sales compared to \$25,467 in the corresponding period in the prior year. Salary expense for the three months ended June 30, 2009 was \$92,266 compared to \$92,525 in the corresponding period in the prior year. After accounting for the employment costs included in cost of sales, salaries increased by \$24,048.

A comparative breakdown of "Other general and administrative expenses" per the Statements of Operations included in PART I Item 1 above is as follows:

	I	e Months Ended 30, 2009	Three Months Ended June 30, 2008			
Royalty	\$	2,870	\$	8,484		
Advertising		45		997		
Depreciation and amortization		6,342		6,398		
Insurance		8,024		8,209		
Professional fees		24,192		40,858		
Office expenses		6,577		7,816		
Travel		2,777		4,524		
Utilities		12,410		11,639		
Total general and administrative expenses	\$	63,237	\$	88,925		

- 1. Royalty expense is proportional to sales and is based on sales of products, services and rights pursuant to the contractual agreement with American Technologies. Under this agreement American Technologies assigned to Mirenco, Inc. its rights to use patents owned by Dwayne Fosseen and previously assigned to American Technology. The royalty is based on 3% of sales of products and services related to those patents beginning November 1, 1999 for a 20 year period.
- 2. Advertising expense for the three months ended June 30, 2009 decreased \$952 over the same over the same period in the prior year. This is due to joint advertising expense in 2008 with Whayne Supply.
- 3. Depreciation and amortization expense remained consistent from the corresponding period in the prior year.
- 4. Insurance expense for the three months ended June 30, 2009 remained consistent with the expense from the corresponding period in the prior year.
- 5. Professional fees expense increased \$16,666 due to increased legal/accounting fees.
- 6. Office expense for the three months ended June 30, 2009 decreased \$1,239 from the corresponding period in the prior year primarily due to efforts to try to reduce spending.
- 7. Travel expense for the three months ended June 30, 2009 decreased \$1,746 compared to travel expense for the corresponding period in the prior year. This is primarily due to fewer off-site trips by our technicians.
- 8. Utilities expense for the three months ended June 30, 2009 increased slightly (\$771) compared to utilities expense for the same period in the prior year .

Interest expense for the three months ended June, 2009 and 2008 was \$8,437 and \$129, respectively, a increase of \$8,308, primarily due to a refund received in 2008 for an overpayment of IRS interest.

Six months ended June 30, 2009:

Gross sales of \$207,793, including \$92,130 in product sales and \$115,663 in sales of services, were realized for the six months ended June, 2009 and were \$262,336 less than sales of \$470,129 for the same period one year ago. Product sales in the first two quarters of 2008 were sold at retail price versus at dealer price in the first two quarters of 2009. This difference in price is the result of our exclusive contract with Whayne Supply. This contract was disclosed in our 8K, dated January 15, 2009. Cost of sales for the six months ended June 30, 2009 also includes employment expense for our MDEP reporting services. Prior to 2009 these expenses were included in salary expense. Cost of sales for the six months ended June 30, 2009 was \$127,717 resulting in gross profit of \$80,076, as

compared to the sales over the same period in the prior year. In the six months ended June 30, 2009, \$93,982 of employment costs were included in Cost of Sales compared to \$146,921 in the corresponding period in the prior year. Salary expense for the six months

compared to \$288,910 for the prior year, a net decrease in gross profit of \$208,834. This decrease is due primarily to fewer sales

ended June 30, 2009 was \$210,131 compared to \$216,820 in the corresponding period in the prior year. After accounting for the employment costs included in cost of sales, salaries decreased by \$59,628. A total of 10 full-time individuals were employed with the Company at June 30, 2009 compared to a total of 12 full time employees at June 30, 2008.

A comparative breakdown of "Other general and administrative expenses" per the Statements of Operations included in PART I Item 1 above is as follows:

	Six Months Ended June 30, 2009		Six Months Ended June 30, 2008	
Royalty	\$	6,234	\$	14,104
Advertising		65		1,017
Depreciation and amortization		15,498		12,769
Insurance		19,939		19,697
Professional fees		64,185		41,971
Office expenses		19,032		26,893
Travel		5,427		7,442
Utilities		20,442		24,950
Total general and administrative expenses	\$	150,822	\$	148,843

- 1. Royalty expense is proportional to sales and is based on sales of products, services and rights pursuant to the contractual agreement with American Technologies. Under this agreement American Technologies assigned to Mirenco, Inc. its rights to use patents owned by Dwayne Fosseen and previously assigned to American Technology. The royalty is based on 3% of sales of products and services related to those patents beginning November 1, 1999 for a 20 year period.
- 2. Advertising expense for the six months ended June 30, 2009 decreased \$952 over the same over the same period in the prior year. This is due to joint advertising expense in 2008 with Whayne Supply.
- 3. Depreciation and amortization expense increased \$2,729 from the corresponding period in the prior year primarily because new computer equipment was purchased.
- 4. Insurance expense for the six months ended June 30, 2009 remained consistent with the expense from the corresponding period in the prior year.
- 5. Professional fees expense increased \$22,214 due to increased legal/accounting fees.
- 6. Office expense for the six months ended June 30, 2009 decreased \$7,861 from the corresponding period in the prior year primarily due to efforts to try to reduce spending.
- 7. Travel expense for the first six months of 2009 decreased \$2,015 compared to travel expense for the first six months in the prior year. This is primarily due to fewer off-site trips by our technicians.
- 8. Utilities expense for the first six months of 2009 decreased \$4,508 compared to utilities expense for the first six months in the prior year primarily due to efforts to reduce costs.

Interest expense for the six months ended June, 2009 and 2008 was \$14,941 and \$11,529, respectively, a increase of \$3,412, primarily due to increased borrowings in the first six months of 2009.

We use estimates in the preparation of our financial statements. The estimates used, relate to the valuation of receivables and the useful lives of equipment and patents. Since our receivables consist of larger individual accounts, we elect to use the direct write off method for those accounts that are deemed to be uncollectible. We believe there is no material difference in this method from the allowance method. There have been no accounts written off in 2009. If it is determined that potential losses of a material amount in receivables are likely, the allowance for doubtful accounts method will be adopted. No such allowance is considered to be required at

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this time. If it were determined that the depreciated cost of our equipment and the amortized cost of our patents exceeded their fair market value, there would be a negative impact on our results of operations to the extent the depreciated and amortized cost of these assets exceeded their fair market value.

The carrying value of long-lived assets is reviewed on a regular basis for the existence of facts and circumstances that suggest impairment. During the first six months of 2009, no material impairment has been indicated. Should there be an impairment in the future, the Company will measure the amount of the impairment based on the amount by which the carrying value of the impaired assets exceed the fair value of the impaired assets.

We account for equity instruments issued to employees for services, based on the fair value of the equity instruments issued and account for equity instruments issued to other than employees, based on the fair value of the consideration received or the fair value of the equity instruments, whichever is more reliably measurable.

We outsource the production of our DriverMax products to ICE Corporation of Manhattan, Kansas. If, for some reason, the relationship between the Company and ICE Corporation should be interrupted or discontinued, the operations of the Company could be adversely affected until such time as an alternative supply source could be located, contracted and begin producing our technology. Such an event could materially affect our results of operations. We continue to review our relationship with this single source and believe there is no need for an alternative source at this time. As sales of product grow we will continue to review the need for alternative sources.

Item 4T.

CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

(a) Evaluation of Disclosure Controls and Procedures. Our Chief Executive Officer and Principal Financial Officer evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this report. Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed by us in the reports that we file or submit 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 us in the reports that we file under the Exchange Act is accumulated and communicated to our management, as appropriate to allow timely decisions regarding required disclosure. Based on this evaluation, our principal executive officer and principal financial officer have concluded that our disclosure controls and procedures were effective as of June 30, 2009.

It should be noted that any system of controls, however well designed and operated, can provide only reasonable, and not absolute, assurance that the objectives of the system are met. In addition, the design of any control system is based in part upon certain assumptions about the likelihood of future events. Because of these and other inherent limitations of control systems, there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions.

(b) Changes in internal control over financial reporting. There have been no changes in our internal control over financial reporting that occurred during the last fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. Our management team will continue to evaluate our internal control over financial reporting throughout 2009.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

None

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

During the six months ended June 30, 2009, the Company issued 197,875 shares of common stock at \$.18 per share, which were issued for debt to a related party of \$35,618, issued on March 31, 2009. Also, during the three months ended June 30, 2009, the Company issued 183,280 shares of common stock at \$.10 per share for cash of \$18,238. On June 18, 2009, 100,000 shares were sold at \$.10 per share, on June 26, 2009 25,000 shares were sold at \$.10 per share, also on June 26, 2009 53,280 shares were sold at \$.10 per share.

These securities were offered and sold without registration under the Securities Act of 1933 in reliance upon the exemption provided by Section 4(2) of the Securities Act, and may not be offered or sold in the United States in the absence of an effective registration statement or exemption from the registration requirements under the Securities Act. An appropriate legend was placed on the securities issued.

This Report on Form 10-Q is neither an offer to sell nor a solicitation of an offer to buy any of these securities. This portion of this report is being filed pursuant to and in accordance with rule 135c under the Securities Act.

Changes in shares outstanding during the first six months are summarized as follows:

	Shares Issued	Aggregate Consideration
		for New Shares Issued
Shares outstanding January 1, 2009	30,938,722	\$ 10,750,778
New shares issued for debt at \$0.18	197,875	35,618
New shares issued for cash at \$0.10	183,280	 18,328
Shares outstanding June 30, 2009	31,319,877	\$ 10,804,724

During the six months ended June 30, 2009, the Company issued no options. In 2007, 50,000 options to purchase common stock at \$.25 per share were issued to an employee, also exercisable through January 31, 2014. Of these options issued to the employee, 10,000 options were fully vested as of the grant date, February 16, 2007, with 20,000 options vested January 1, 2008, and the remaining 20,000 options vested January 1, 2009.

The following summarizes the options outstanding at June 30, 2009:

COMMON STOCK OPTIONS

			· ·		
			average		
			exercise		
	Number	price			
	Outstanding	Exercisable	per share		
Outstanding, December 31, 2008	2,191,810	2,171,810	\$ 1.01		
Granted	-	20,000	0.25		
Exercised	-	-	-		
Expired		-	-		
Outstanding June 30, 2009	2,191,810	2,191,810	\$ 0.99		

Weighted-

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 and Reports on Form 8-K

(a) Exhibits

*31.1	Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 for Dwayne Fosseen, dated August 14,
	2009.
*31.2	Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 for Glynis M. Hendrickson, dated August
	14, 2009.
*32.1	Certification pursuant to, Section 906 of the Sarbanes-Oxley Act of 2002 for Dwayne Fosseen and Glynis M.
	Hendrickson, dated August 14, 2009.

SIGNATURES

In accordance with Section 13 or 15(d) of the Exchange Act of 1934, the Registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Mirenco, Inc. (Registrant)

By: /s/ Glynis M. Hendrickson
Glynis M. Hendrickson

Glynis M. Hendrickson Chief Financial Officer (Principal Financial Officer)

Date: August 14, 2009

In accordance with the Exchange Act, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Dwayne Fosseen

Dwayne Fosseen Chief Executive Officer and President (Principal Executive Officer) and Director and Chairman Of the Board

Date: August 14, 2009

By: /s/ Don Williams

Don Williams Director

Date: August 14, 2009

CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Dwayne Fosseen, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Mirenco, Inc., (the "Company");
- 2. Based on my knowledge, this quarterly 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 are made, not misleading with respect to the period covered by this quarterly report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this quarterly report, fairly present in all material respects the financial condition, results of operations and cash flows of the Company as of, and for, the periods presented in this quarterly report;
- 4. The Company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15e and internal control over financial reporting (as defined in Exchange Act Rules 3a-15d-15(f)) for the Company 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 Company, is made known to us by others within those entities, particularly during the period in which this quarterly report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the Company's disclosure controls and procedures and presented in this quarterly report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by the quarterly report based on such evaluation; and
 - (d) Disclosed in this quarterly report any change in the Company's internal control over financial reporting that occurred during the Company's most recent fiscal quarter (the Company's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting; and
- 5. The Company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Company's auditors and the audit committee of the Company'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 Company'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 Company's internal control over financial reporting.

Date: August 14, 2009

/s/Dwayne Fosseen
Dwayne Fosseen
President and Chief Executive Officer
(Principal Executive Officer)

CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Glynis Hendrickson, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Mirenco, Inc., (the "Company");
- 2. Based on my knowledge, this quarterly 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 are made, not misleading with respect to the period covered by this quarterly report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this quarterly report, fairly present in all material respects the financial condition, results of operations and cash flows of the Company as of, and for, the periods presented in this quarterly report;
- 4. The Company's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15e and internal control over financial reporting (as defined in Exchange Act Rules 3a-15d-15(f)) for the Company 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 Company, is made known to us by others within those entities, particularly during the period in which this quarterly report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the Company's disclosure controls and procedures and presented in this quarterly report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by the quarterly report based on such evaluation; and
 - (d) Disclosed in this quarterly report any change in the Company's internal control over financial reporting that occurred during the Company's most recent fiscal quarter (the Company's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting; and
- 5. The Company's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Company's auditors and the audit committee of the Company'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 Company'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 Company's internal control over financial reporting.

Date: August 14, 2009

/s/Glynis M. Hendrickson Glynis M. Hendrickson Chief Financial Officer (Principal Financial Officer)

CERTIFICATION PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

- I, Dwayne Fosseen, Chief Executive Officer and I, Glynis M. Hendrickson, Chief Financial Officer of Mirenco, Inc. (the "Company") certify that:
 - (1) I have reviewed the quarterly report on Form 10-Q of Mirenco, Inc.;
 - Based on my knowledge, this quarterly 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 quarterly report; and
 - Based on my knowledge, the financial statements and other information included in this quarterly report, fairly present, in all material respects, the financial condition, results of operations and cash flows of the Company as of and fort the period presented in this quarterly report.

/s/ Dwayne Fosseen

Dwayne Fosseen Chief Executive Officer and President (Principal Executive Officer) August 14, 2009

/s/ Glynis M. Hendrickson

Glynis M. Hendrickson Chief Financial Officer (Principal Financial Officer) August 14, 2009