



FOR IMMEDIATE RELEASE

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**AEHR TEST SYSTEMS REPORTS FINANCIAL RESULTS
FOR FIRST QUARTER FISCAL 2014**

Fremont, CA (September 26, 2013) - Aehr Test Systems (Nasdaq: AEHR), a worldwide supplier of semiconductor test and burn-in equipment, today announced financial results for the first quarter of fiscal 2014 ended August 31, 2013.

Total net sales were \$3.8 million in the first quarter of fiscal 2014, compared with \$3.3 million in the fourth quarter of fiscal 2013. The Company reported a net loss of \$166,000, or \$0.02 per diluted share, in the first quarter of fiscal 2014, compared to a net loss of \$854,000, or \$0.08 per diluted share for the fourth quarter of fiscal 2013.

Commenting on the results of the first quarter of fiscal 2014, Gayn Erickson, President and CEO of Aehr Test Systems said, “We are pleased to have exceeded our financial expectations for the quarter. Our revenue was nearly \$500,000 greater than in the prior quarter. More importantly, we improved our bottom line by more than \$650,000 to exceed cash break even for the quarter. A key factor that contributed to these results was the positive momentum we are achieving with our new Advanced Burn-in and Test System (ABTS™), particularly in the automotive market segment where we see continued demand for more information and entertainment in addition to mission critical applications in traditional, hybrid, and electric automobiles.”

Erickson continued, “The increasing demand that we are seeing for our products is reflected in our strong book-to-bill ratio for the quarter and our highest backlog in recent years. We continue to see strength in the automotive test and burn-in space. During the last few months, we announced orders for multiple ABTS systems as well as a follow-on MAX™ test and burn-in system. These orders included production orders from a leading manufacturer of advanced logic ICs for automotive, embedded processing, digital signal processing and analog applications for our new ABTS-P system. The ABTS-P system offers optional high voltage power supplies required for power control devices for the rapidly growing electric/hybrid automotive markets. We expect to begin shipments of the new ABTS-P system during the next few months.

“Interest in our new FOX products remains strong and, as previously announced, we have received multiple orders for the new FOX-1 Parallel Test system we are developing. These orders include development milestone events as well as delivery of multiple production test systems. We continue to expect initial shipments of this product during the first half of calendar 2014. At the same time we are working with potential customers in the definition of a new product in our FOX product line that extends the capabilities and capacity of our FOX multi-wafer test system.”

Erickson concluded, “With our strong backlog and continued momentum that we are seeing in our ABTS and FOX markets, we are excited about our prospects for the year. We now expect to be profitable for the fiscal second quarter, as well as for fiscal 2014.”

Management Conference Call

Management of Aehr Test will host a conference call and webcast today, September 26, 2013 at 5:00 p.m. Eastern (2:00 p.m. Pacific) to discuss the Company’s first quarter fiscal 2014 operating results. The conference call will be accessible live via the internet at www.aehr.com. Please go to the website at least 15 minutes before start time to register, download and install any necessary audio software. A replay of the webcast will be available at www.aehr.com for 90 days.

About Aehr Test Systems

Headquartered in Fremont, California, Aehr Test Systems is a worldwide provider of test systems for burning-in and testing logic and memory integrated circuits and has an installed base of more than 2,500 systems worldwide. Increased quality and reliability needs of the Automotive and Mobility integrated circuit markets are driving additional test requirements, capacity needs and opportunities for Aehr Test products in package and wafer level test. Aehr Test has developed and introduced several innovative products, including the ABTS and FOX families of test and burn-in systems and the DiePak® carrier. The ABTS system is used in production and qualification testing of packaged parts for both low-power and high-power logic as well as all common types of memory devices. The FOX system is a full wafer contact test and burn-in system used for burn-in and functional test of complex devices, such as leading-edge memories, digital signal processors, microprocessors, microcontrollers and systems-on-a-chip. The DiePak carrier is a reusable, temporary package that enables IC manufacturers to perform cost-effective final test and burn-in of bare die. For more information, please visit the Company’s website at www.aehr.com.

Safe Harbor Statement

This press release contains certain forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. These statements are based on

information available to Aehr Test as of the date hereof and actual results could differ materially from those stated or implied due to risks and uncertainties. Forward-looking statements include statements regarding Aehr Test's expectations, beliefs, intentions or strategies regarding the future including statements regarding projected future customer orders; expected release and shipping dates for Aehr Test's new FOX systems; future market conditions; and projected profitability in fiscal 2014. The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include, without limitation, general world economic conditions and events, the state of the semiconductor equipment market, our ability to maintain sufficient cash to support operations, acceptance by customers of our technologies, acceptance by customers of the systems shipped upon receipt of a purchase order, the ability of new products to meet customer needs or perform as described and our ability to successfully market a wafer-level test and burn-in system. See Aehr Test's recent 10-K and other reports from time to time filed with the U.S. Securities and Exchange Commission for a more detailed description of the risks facing our business. The Company disclaims any obligation to update information contained in any forward-looking statement to reflect events or circumstances occurring after the date of this press release.

- Financial Tables to Follow -

AEHR TEST SYSTEMS AND SUBSIDIARIES
Condensed Consolidated Statements of Operations
(in thousands, except per share data)
(unaudited)

	Three Months Ended		
	Aug 31, 2013	May 31, 2013	Aug 31, 2012
Net sales	\$ 3,752	\$ 3,262	\$ 4,832
Cost of sales	1,808	1,970	2,376
Gross profit	1,944	1,292	2,456
Operating expenses:			
Selling, general and administrative	1,420	1,504	1,789
Research and development	681	634	930
Total operating expenses	2,101	2,138	2,719
Loss from operations	(157)	(846)	(263)
Interest expense	(4)	(6)	(12)
Other (expense) income, net	(34)	10	(19)
Loss before income tax (benefit) expense	(195)	(842)	(294)
Income tax (benefit) expense	(29)	12	2
Net loss	(166)	(854)	(296)
Less: Net income attributable to the noncontrolling interest	-	-	-
Net loss attributable to Aehr Test Systems common shareholders	\$ (166)	\$ (854)	\$ (296)
Net loss per share			
Basic	\$ (0.02)	\$ (0.08)	\$ (0.03)
Diluted	\$ (0.02)	\$ (0.08)	\$ (0.03)
Shares used in per share calculations:			
Basic	10,635	10,367	9,166
Diluted	10,635	10,367	9,166

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AEHR TEST SYSTEMS AND SUBSIDIARIES
Reconciliation of GAAP and Non-GAAP Results
(in thousands, except per share data)
(unaudited)

	Three Months Ended		
	Aug 31, 2013	May 31, 2013	Aug 31, 2012
GAAP net loss	\$ (166)	\$ (854)	\$ (296)
Stock based compensation expense	143	174	169
Non-GAAP net loss	\$ (23)	\$ (680)	\$ (127)
GAAP net loss per diluted share	\$ (0.02)	\$ (0.08)	\$ (0.03)
Non-GAAP net loss per diluted share	\$ (0.00)	\$ (0.07)	\$ (0.01)
Shares used in diluted shares calculation	10,635	10,367	9,166
Shares used in non-GAAP diluted shares calculation	10,635	10,367	9,166

Non-GAAP net income is a non-GAAP measure and should not be considered a replacement for GAAP results. Non-GAAP net income is a financial measure the Company uses to evaluate the underlying results and operating performance of the business. The limitation of this measure is that it excludes items that impact the Company's current period net income. This limitation is best addressed by using this measure in combination with net income (the most comparable GAAP measure).

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AEHR TEST SYSTEMS AND SUBSIDIARIES
Condensed Consolidated Balance Sheets
(in thousands, except per share data)
(unaudited)

	August 31, 2013	May 31, 2013
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 2,435	\$ 2,324
Accounts receivable, net	2,860	2,632
Inventories	5,369	5,369
Prepaid expenses and other	456	197
Total current assets	11,120	10,522
Property and equipment, net	246	301
Other assets	78	152
Total assets	\$ 11,444	\$ 10,975
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Line of credit	\$ 947	\$ 1,101
Accounts payable	1,403	1,188
Accrued expenses	1,437	1,440
Customer deposits and deferred revenue, short-term	2,413	1,972
Total current liabilities	6,200	5,701
Income tax payable	76	109
Deferred lease commitment, net of current portion	80	103
Deferred revenue, long-term	36	68
Total liabilities	6,392	5,981
Aehr Test Systems shareholders' equity	5,073	5,014
Noncontrolling interest	(21)	(20)
Total shareholders' equity	5,052	4,994
Total liabilities and shareholders' equity	\$ 11,444	\$ 10,975

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