



Green Sand Controls

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The world-wide source for the ULTIMATE in
Green Sand Process Control Technology

Wednesday, July 06, 2016

Attn: Mr. Don Gregory
Weil Mclain
500 Blaine St.
Michigan City, IN 46360-2388
Email: dgregory@weil-mclain.com

Proposal PME-ACTS 20130823-1

Dear Mr. Gregory:

Thank you for your interest in products and services from GreenSand Controls. Per your request, we are pleased to offer the following GreenSand Controls equipment for your consideration. We are quoting our model PME-ACTS. PME stands for Precision Measuring Equipment, ACTS stands for Automatic Compactability Test Station.

The PME-ACTS is a laboratory machine that is plc controlled. This machine is designed to measure the compactability of green sand. The machine is accurate to xx.x and can measure sand compactability ranges from 0-60%. The machine can also be used for making 2" test samples which are used for other green sand testing processes in the laboratory. The machine requires clean compressed air 80 PSI at 6 cfm. The machine also requires 120vac electric power. The control panel for the sand tester contains a small touchscreen operator interface, plc controller and an Ethernet switch. the Ethernet capability allows for the machine to be connected to the plant Ethernet network if desired for automatic collection of the sand test data generated by the machine.

The compactability squeeze pressure is adjustable via the touchscreen interface. This features allows the laboratory user to test sand that has been squeezed under differing loads if desired or to set a squeeze pressure that more correlates to the previously used 3- Ram testing machine.

Component Units of Green Sand Expert PME-ACTS

Unit 1 - One Stand alone laboratory machine for measuring compactability of foundry green sand. Machine contains an Allen Bradley Micrologix plc and a Magelis touchscreen operator interface. The machine has Ethernet communications capability so that is can be networked for data collection. The machine contains a pneumatic control system for the operation of the test cylinder. a linear position sensor is mounted to the test cylinder for measuring test cylinder displacement. One set of compactability test calibration standards is included with the machine. One Operators Manual is

In North America

Green Sand Controls Inc

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included with unit.



Optional Unit 2: GSC-PME-2001, Compactability Squeeze Pressure Calibration Kit- Contains load cell, load cell display and load cell holding fixture. This unit is used to read compression force in pounds at rod end of PME-ACTS.

Price Unit 1: \$6,000

Price Optional Unit 2: \$1,300

Payment Terms are 70% with order, any balance is due net 30 days after shipment. There is a crating fee charged and item is shipped FOB our plant. No on-site service or training is included in this price. A copy of our current service rates is attached if on-site training is requested

Ship Date Is approximately 4 weeks after receipt of order and down payment

If you have any questions or comments, please do not hesitate to call our office.
Sincerely,

Perry Thomas
President

In North America

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Consulting Service & Engineering Rates Effective June 1, 2012

For Equipment Sold By GSCLLC:

In-Plant: Weekdays \$100 per hour, 8 hour per day minimum charge, for hours over 8 per day in plant \$150.

In-Plant: Saturdays, Sundays and US Holidays \$200 per hour 8 hour per day minimum charge.

On Call Attendance billed at same rate as in-plant time

Travel time billed at same rate as in-plant time, Expenses are billed at cost + 10%.

Telephone and modem support for equipment manufactured by GreenSand Controls is offered for no charge.

We reserve the right to book and charge for business class service on international flights longer than 9 hrs.

Service Contracts are available and are quoted on a customer by customer basis.

Terms: Payment is net 30 days. Accounts over 30 days will be charged an additional 1.5% for each month in arrears. All Charges are FOB Fremont, Wisconsin. These rates are subject to change without notice.

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