#### BC FORM 51-102F3

Material Change Report

#### Item 1. Name and Address of Company

State the full name and address of your company and the address of its principal office in Canada.

#### **REG TECHNOLOGIES INC.**

#240 – 11780 Hammersmith Way Richmond, BC V7A 5E9 Phone: (604) 278-5996

#### Item 2. Date of Material Change

State the date of the material change.

April 1, 2013

#### Item 3. <u>News Release</u>

State the date and method(s) of dissemination of the news release issued under section 7.1 of National Instrument 51-102.

April 1, 2013

*The press release relating to this material change was distributed and filed by MacReport*, *Marketnews Publishing, Inc. and Stockwatch on April 1, 2013.* 

#### Item 4. <u>Summary of Material Change</u>

Provide a brief but accurate summary of the nature and substance of the material change.

The Company announced successful tests were completed for the RadMax<sup>™</sup> engine.

#### Item 5. Full Description of Material Change

Supplement the summary required under Item 4 with the disclosure that should be sufficient disclosure to enable a reader to appreciate the significance and impact of the material change without having to refer to other material. Management is in the best position to determine what facts are significant and must disclose those facts in a meaningful manner. See also Item 7.

Some examples of significant facts relating to the material change include: dates, parties, terms and conditions, description of any assets, liabilities or capital affected, purpose, financial or dollar values, reasons for the change, and a general comment on the probable impact on the issuer or its subsidiaries. Specific financial forecasts would not normally be required.

Other additional disclosure may be appropriate depending on the particular situation.

For a full description of the material change, see Schedule "A".

#### Item 6. Reliance on subsection 7.1(2) of National Instrument 51-102

If this report is being filed on a confidential basis in reliance on subsection 7.1(2) of National Instrument 51-102, state the reasons for that reliance.

Not applicable.

Instruction:

Refer to subsections 7.1(5) and (7) of National Instrument 51-102 concerning continuing obligations in respect of reports filed under subsection 7.1(2) of National Instrument 51-102.

#### Item 7. Omitted Information

State whether any information has been omitted on the basis that it is confidential information.

In a separate letter to the applicable regulator or securities regulatory authority marked "Confidential" provide the reasons for your company's omission of confidential significant facts in the Report in sufficient detail to permit the applicable regulatory or securities regulatory authority to determine whether to exercise its discretion to allow the omission of these significant facts.

Not applicable.

Instruction:

In certain circumstances where a material change has occurred and a material change report has been or is about to be filed but section 85 of the Act will no longer or will not be relied upon, a reporting issuer may nevertheless believe one or more significant facts otherwise required to be disclosed in the material change report should remain confidential and not be disclosed or not be disclosed in full detail in the material change report.

#### Item 8. Executive Officer

Give the name and business telephone number of an executive officer of your company who is knowledgeable about the material change and the Report, or an officer through whom the executive officer may be contacted.

John G. Robertson President (604) 278-5996

#### Item 9. Date of Report

**DATED** at Richmond, British Columbia this <u>22<sup>nd</sup></u> day of <u>April</u>, 2013.

#### **REG TECHNOLOGIES INC.**

Per:

*"John Robertson"* (Authorized Signatory)

John Robertson, President (Print name and title) SCHEDULE "A"

# **REG TECHNOLOGIES INC.**

www.regtech.com



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## NEWS RELEASE

## COMPRESSION TESTS SUCCESSFUL ON RADMAX<sup>™</sup> 375 HP DIESEL ENGINE

REGI U.S., Inc. ("REGI" or "RGUS") Reg Technologies Inc. ("Reg" or "RRE.V" or "REGRF")

For Immediate Release April 2, 2013 Vancouver, BC – REGI U.S., Inc. (OTC BB: RGUS, Frankfurt Stock Exchange: RGJ) and Reg Technologies Inc. (TSX Venture Exchange: RRE.V, OTC BB: REGRF) wish to announce successful tests were completed for the RadMax<sup>™</sup> engine. Paul Porter, Chief Engineer, reports as follows:

## Prototype Support

- Assembly and Testing of the Diesel Prototype is the focus of efforts at Williams and White.
  - The engine was assembled with half of the vanes and cam followers installed.
  - One set of vanes were positioned to allow the installation of all seals and form a single combustion chamber.
  - A hydrostatic pressure test was performed first at 400 psi, then 800 psi, and 1,000 psi.
  - Main bearing function test was performed.
  - Engine binding and alignment tests were performed.
  - Additional friction data was obtained.
- Pressure Test Data:
  - A single combustion chamber was tested to verify pressure containment. A new standard diesel engine would show about 400 psi on a standard compression test. The combustion chamber was pressurized to 400 psi with very little pressure bleed off. The chamber pressure was increased to double the required psi, 800 psi and again little pressure bleed off was observed. The chamber pressure was again increased to 1,000 psi and was observed for 5 minutes and the pressure drop was less than 100 psi. This indicates that the engine will be able to combust diesel, natural gas, regular gasoline, methanol and other currently used fuels.

- Friction and Binding Data:
  - The friction with the current arrangement was measured at about 200 ft. lbs. Binding of the components was drastically reduced with the new main bearing spacers in place. The engine was able to be rotated by hand with minimal binding. The cam follower system functioned as designed. It was observed that the force required to rotate the engine increased as the combustion chamber approached TDC. (Top Dead Center) This would indicate that pressure was being built by the engine. It was also observed that the friction of the engine reduced with successive revolutions. This would indicate that the minimal lubrication was helping to "wear in" the tight components and reduce the overall friction.

## <u>Plans</u>

- The original design included static style vane seals in order to establish, cost effectively, that the sealing approach on the combustion chamber was correct. In order to move forward with this prototype, a number of seal configurations must be tested to find the optimal design that will seal the chamber with the least friction. Therefore a small seal test fixture will be designed and various types of seals will be tested.
- The wheel used to follow the cam on the stator are currently free floating on the spindle and spacers will be designed and tested to improve tracking of the wheels and reduce the chance of binding or pinching.
- The above steps will allow further testing of the engine, which will include pre ignition friction and compression tests, low, medium and high speed rotation tests followed by combustion tests. During the combustion testing we will be able to capture net horsepower, efficiency and emissions data for various rpms and power settings.

John Robertson, President of Reg Technologies Inc. and REGI U.S., Inc., states, "The Compression tests now confirm that combustion for the diesel fuel will be attainable and the sealing is sufficient to retain the compression:"

## ABOUT REGI U.S., INC. AND REG TECHNOLOGIES INC.

Reg Technologies Inc. and REGI U.S., Inc. are developing for commercialization an improved axial vane type rotary engine known as the Rand Cam<sup>™</sup>/RadMax<sup>™</sup> rotary technology used in the revolutionary design of lightweight and high efficiency engines, compressors and pumps. The RadMax<sup>™</sup> engine has only two unique moving parts, the vanes (up to 12) and the rotor, compared to the 40 moving parts in a simple four-cylinder piston engine. This innovative design makes it possible to produce up to 24 continuous power impulses per one rotation that is vibration-free and extremely quiet. The RadMax<sup>™</sup> engine also has multitude capabilities allowing it to operate on fuels including gasoline, natural gas, hydrogen, propane and diesel. For more information, please visit www.regtech.com or www.regiinc.com.

### ON BEHALF OF THE BOARD OF DIRECTORS

REGI U.S., Inc.

Reg Technologies Inc.

"John Robertson"

John Robertson President "John Robertson"

John Robertson President

Contacts: REGI U.S., Inc. and Reg Technologies Inc.

#### John Robertson, 1-800-665-4616

#### READER ADVISORY

Statements in this press release regarding the business of Reg Technologies Inc. and REGI U.S, Inc. (together the "Companies") which are not historical facts are "forward-looking statements" that involve risks and uncertainties, including management's assessment of future plans and operations, and capital expenditures and the timing thereof, certain of which are beyond the Companies' control. There can be no assurance that such statements will prove accurate, and actual results and developments are likely to differ, in some case materially, from those expressed or implied by the forward-looking statements contained in this press release. Readers of this press release are cautioned not to place undue reliance on any such forward-looking statements.

Forward-looking statements contained in this press release are based on a number of assumptions that may prove to be incorrect, including, but not limited to: the impact of competitive products and pricing, the Companies' dependence on third parties and licensing/service supply agreements, and the ability of competitors to license the same technologies as the Companies or develop or license other functionally equivalent technologies; financing requirements; changes in laws, rules and regulations applicable to the Companies and changes in how they are interpreted and enforced, delays resulting from or inability to obtain required regulatory approvals and ability to access sufficient capital from internal and external sources, the impact of general economic conditions in Canada, and the United States, industry conditions, increased competition, the lack of availability of qualified personnel or management, fluctuations in foreign exchange, stock market volatility and market valuations of companies with respect to announced transactions. The Companies' actual results, performance or achievements could differ materially from those expressed in, or implied by, these forward-looking statements, including these described in Reg Technologies' financial statements, management discussion and analysis and material change reports filed with the Canadian Securities Administrators and available at <u>www.secdar.com</u>, and its Form 20-F filed with the United States Securities and Exchange Commission at <u>www.sec.gov</u>. Accordingly, no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits, including the amount of proceeds, that the Companies will derive therefrom.

Readers are cautioned that the foregoing list of factors is not exhaustive. All subsequent forward-looking statements, whether written or oral, attributable to the Companies or persons acting on its behalf are expressly qualified in their entirety by these cautionary statements. Furthermore, the forward-looking statements contained in this news release are made as at the date of this news release and the Companies do not undertake any obligation to update publicly or to revise any of the included forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by applicable securities laws.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.