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

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (Print or Ty   | pe Response   | s)                                      |  |  |  |               |  |                      |    |  |  |   |   |   |  |   |                              |   |  |        |
|--|---|---|--|--|--|---------------|--|----------------------|----|--|--|---|---|---|--|---|------------------------------|---|--|--------|
| 1. Name and Address of Reporting Person* CUDDIHY ROBERT V JR |   |   |  | 2. Issuer Name and Ticker or Trading Symbol ProPhase Labs, Inc. [PRPH] |  |               |  |                      |    |  |  | l   | :   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner |  |   |                              |   |  |        |
| (Last) (First) (Middle)<br>621 N. SHADY RETREAT ROAD         |   |   |  | 3. Date of Earliest Transaction (Month/Day/Year) 04/08/2010            |  |               |  |                      |    |  |  | X Officer (give title below) Other (specify below)  Chief Operating Officer |   |   |  |   |                              |   |  |        |
| (Street)   |   |   |  |  | 4. If Amendment, Date Original Filed(Month/Day/Year)                             |               |  |                      |    |  |  | -   | 6. Individual or Joint/Group Filing(Check Applicable Line)  _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person |   |  |   |                              |   |  |        |
| DOYLESTOWN, PA 18901   |   |   |  |  |  |               |  |                      |    |  |  |   |   |   |  |   |                              |   |  |        |
| (City) (State) (Zip)   |   |   |  |  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |               |  |                      |    |  |  |   |   |   |  |   |                              |   |  |        |
|  |   |   | 2. Transaction<br>Date<br>(Month/Day/Year) |  | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)                      |               | if                                     | f Code<br>(Instr. 8) |    |  | 4. Securities Acquir<br>(A) or Disposed of<br>(D)<br>(Instr. 3, 4 and 5) |   | f Beneficia   |   | nt of Securities<br>Illy Owned Following<br>Transaction(s)<br>and 4) |   | Form:                        |   | 7. Nature of Indirect Beneficial Ownership |        |
|  |   |   |  |  |  |               |  | Coc                  | le | V  | Amour  |   | A) or<br>(D)  | Price   |  |   |                              | (I)<br>(Inst  |  |        |
| Common Stock, par value \$0.0005                             |   |   | 07/15                                      | 5/2010   |  |               |  | A                    |    |  | 9,045<br>(1)   | 15 A S  |   | \$ 0  | 26,299   | 6,299   |                              | D   |  |        |
|  |   |   |  | Table II - E   | Deriva   | ntive Secur   | ities                                  | s Acq                |    |  |  |   |   |   | -  | OMB cont  | rol numbe                    | r.  |  |        |
|  | I_  |   |  |  |  | uts, calls, v |  |                      |    |  |  |   |   | 1   |  |   | 0.37                         |   |  | 144.37 |
|  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transactior<br>Date<br>(Month/Day/\) | Year) E                                    | ny   | 4. Transaction Code Year) (Instr. 8)   |               | of D<br>Se<br>A<br>(A<br>D<br>of<br>(I | 7 7                  |    | 6. Date Exercisable<br>and Expiration Date<br>(Month/Day/Year) |  |   | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and<br>4)  |   | Derivative<br>Security<br>(Instr. 5)                                 | 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) | y I<br>S<br>I<br>o<br>u(s) ( | Form of Derivative Security: Direct (D) or Indirect | (Instr. 4)                                 |        |
|  |   |   |  |  | Co   | Code V        | · (.                                   | A) (                 |    | Date<br>Exerc  |  | Exp   | oiration<br>e   | Title   | Amount<br>or<br>Number<br>of<br>Shares                               |   |                              |   |  |        |
| Repor  | ting O  | wners                                   |  |  |  |               |  |                      |    |  |  |   |   |   |  |   |                              |   |  |        |

|                                | Relationships |              |                         |       |  |  |  |  |
|--------------------------------|---------------|--------------|-------------------------|-------|--|--|--|--|
| Reporting Owner Name / Address | Director      | 10%<br>Owner | Officer                 | Other |  |  |  |  |
| CUDDIHY ROBERT V JR            |               |              |                         |       |  |  |  |  |
| 621 N. SHADY RETREAT ROAD      |               |              | Chief Operating Officer |       |  |  |  |  |
| DOYLESTOWN, PA 18901           |               |              |                         |       |  |  |  |  |

# **Signatures**

| /s/ Robert V. Cuddihy, Jr.      | 07/15/2010 |
|---------------------------------|------------|
| **Signature of Reporting Person | Date       |

## **Explanation of Responses:**

- If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- These restricted shares of common stock were issued pursuant to the terms of Mr. Cuddihy's employment agreement dated August 19, 2009.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.