

Alpha Pro Tech

LTD.

ALPHA PRO TECH, LTD. ANNOUNCES INCREASED PRODUCTION OF N-95 RESPIRATOR MASKS FOR UPCOMING FLU/SWINE FLU SEASON

Company Will Triple Production of N-95 Respirator Masks Beginning in Q4 2009

FOR IMMEDIATE RELEASE

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Salt Lake City, Utah – September 1, 2009, Alpha Pro Tech, Ltd. (NYSE Amex: APT), a leading manufacturer of products designed to protect people, products and environments, including disposable protective apparel and building products, today announced that it will be tripling the average output of N-95 respirator masks that it has been producing since May, which will help accommodate Alpha Pro Tech's current backlog and increase availability for the upcoming flu season/swine flu season.

Al Millar, President of Alpha Pro Tech, commented, "Respirator N-95 mask sales continue to be up significantly in the third quarter and will significantly exceed sales achieved in the second quarter. We expect sales to continue to be much stronger than normal for the foreseeable future amidst concerns regarding the global H1N1 Influenza A (commonly known as "Swine Flu") pandemic. As a result of this expected demand, we will triple N-95 respirator mask production starting in the beginning of the fourth quarter 2009, which begins October 1, 2009. We will begin to ramp up production to that level in September. We currently have backorders, but this increased capacity will fulfill these backorders. We should then have excess capacity available for those who need masks for the upcoming flu season/swine flu season."

Mr. Millar continued, "Alpha Pro Tech is committed to allocating the necessary resources to minimize the spread of swine flu. We are increasing our manufacturing efforts to provide healthcare professionals with sufficient quantities of N-95 respirator masks to address the ongoing healthcare crisis, particularly as we are now entering the primary flu season."

About Alpha Pro Tech, Ltd.

Alpha Pro Tech, Ltd. is the parent company of Alpha Pro Tech, Inc., and Alpha ProTech Engineered Products, Inc. Alpha Pro Tech, Inc. develops, manufactures and markets innovative disposable and limited-use protective apparel products for the industrial, clean room, medical and dental markets. In addition, Alpha ProTech Engineered Products, Inc. manufactures and markets a line of construction weatherization products, including building wrap and roof underlayment. The Company has manufacturing facilities in Salt Lake City, Utah; Nogales, Arizona; Janesville, Wisconsin; Valdosta, Georgia; and a joint venture in India. For more information and copies of all news releases and financials, visit Alpha Pro Tech's Website at <http://www.alphaprotech.com>.

Certain statements made in this press release constitute "forward-looking statements" within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include any statement that may predict, forecast, indicate or imply future results, performance or achievements instead of historical facts and may be identified generally by the use of forward-looking terminology and words such as "expects," "anticipates," "estimates," "believes," "predicts," "intends," "plans," "potential," "may," "continue," "should," "will" and words of similar meaning. Without limiting the generality of the preceding statement, all statements in this press release relating to estimated and projected earnings, margins, costs, expenditures, cash flows, sources of capital, growth rates and future financial and operating results are forward-looking

statements. We caution investors that any such forward-looking statements are only estimates based on current information and involve risks and uncertainties that may cause actual results to differ materially from the results contained in the forward-looking statements. We cannot give assurances that any such statements will prove to be correct. Factors that could cause actual results to differ materially from those estimated by us include the risks, uncertainties and assumptions described from time to time in our public releases and reports filed with the Securities and Exchange Commission, including, but not limited to, our most recent Annual Report on Form 10-K. We also caution investors that the forward-looking information described herein represents our outlook only as of this date, and we undertake no obligation to update or revise any forward-looking statements to reflect events or developments after the date of this press release. Given these uncertainties, investors should not place undue reliance on forward-looking statements as a prediction of actual results.

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