Abstract Submitted for the TSS05 Meeting of The American Physical Society

Generation of Arbitrary two-Qubit entangled States in Cavity QED TIEGANG DI, M. SUHAIL ZUBAIRY, Institute for Quantum Studies and Department of Physics — We propose how to prepare arbitrary two-mode entangled photon states using atomic interactions with classical fields and quantized cavity fields.

 ${\bf Tiegang~Di} \\ {\bf Institute~for~Quantum~Studies~and~Department~of~Physics}$

Date submitted: 07 Feb 2005 Electronic form version 1.4