1171-13-134 Christine Berkesch* (cberkesc@umn.edu), 206 Church St SE, Minneapolis, MN 55455, and C-Y. Jean Chan, Patricia Klein, Laura Felicia Matusevich, Janet Page and Janet Vassilev. Differential operators on quotients of normal affine semigroup rings.

We compute the ring of differential operators D(R/J) for a normal affine semigroup ring R modulo a radical monomial ideal J in characteristic zero. We also provide a necessary condition for when D(R/J) is determined by the idealizer of J inside D(R). (Received August 09, 2021)