

DESIGN CATEGORY E. FOR NONHALOGENATED PROCESS VENT STREAMS, IF NET HEATING VALUE > 3.6 MJ/scm

OR IF NET HEATING VALUE > 97 (Btu/scf):

$Q_s =$ Vent Stream Flow rate scm/min(scF/min)	a	b	c	d	e	f
$14.2 \leq Y_s \leq 1180$ (501 $\leq Y_s \leq$ 41,700)	6.67868 (14.72382)	0 (0)	0 (0)	-0.00707 (-0.0000164)	0.02220 (0.0001174)	0.01025 (0.003803)
$1180 < Y_s \leq 2370$ (41,700 < $Y_s \leq$ 83,700)	13.21633 (29.13672)	0 (0)	0 (0)	-0.00707 (-0.0000164)	0.02412 (0.0001276)	0.01449 (0.005376)
$2370 < Y_s \leq 3550$ (83,700 < $Y_s \leq$ 125,000)	19.75398 (43.54962)	0 (0)	0 (0)	-0.00707 (-0.0000164)	0.02533 (0.0001340)	0.01775 (0.006585)