

Figure: 25 TAC §289.233(j)(5)(E)(i)(I)

TABLE I - HALF-VALUE LAYER FOR SELECTED kVp

X-ray Tube Voltage (kilovolt peak)		Minimum HVL (mm of aluminum)	
Designed operating range	Measured operating potential	X-ray systems manufactured before June 10, 2006	X-ray systems manufactured on or after June 10, 2006
Below 51	30	0.3	0.3
	40	0.4	0.4
	50	0.5	0.5
51 to 70	51	1.2	1.3
	60	1.3	1.5
	70	1.5	1.8
Above 70	71	2.1	2.5
	80	2.3	2.9
	90	2.5	3.2
	100	2.7	3.6
	110	3.0	3.9
	120	3.2	4.3
	130	3.5	4.7
	140	3.8	5.0
	150	4.1	5.4