

Figure: 25 TAC §289.229(h)(5)(F)(i)

TABLE IV.
HALF-VALUE LAYER FOR SELECTED kVp

X-ray tube voltage (kilovolt peak)		Minimum HVL (mm of aluminum)	Minimum HVL (mm of aluminum)
Designed operating range	Measured operating potential	X-ray systems (except dental) manufactured before June 10, 2006	X-ray systems (except dental) manufactured on or after June 10, 2006
Below 51 kVp	30	0.3	0.3
	40	0.4	0.4
	50	0.5	0.5
51 to 70 kVp	51	1.2	1.3
	60	1.3	1.5
	70	1.5	1.8
Above 70 kVp	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	