

Figure: 25 TAC §289.229(h)(4)(B)(i)

TABLE IV.  
HALF-VALUE LAYER FOR SELECTED kVp

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