

Number	Maker	Isotope	Activity in microcuries (multiply by 37,000 to convert to the modern SI unit of Becquerels (Bq))	Notes
CV2248	Ferranti	<sup>3</sup> H	60	Pre 1961 Radium 226 activity unknown
CV2249	Ferranti	<sup>3</sup> H	70	
CV2250	Ferranti	<sup>3</sup> H	70	
CV2251	Ferranti	<sup>3</sup> H	80	
CV2252	Ferranti	<sup>3</sup> H	80	
CV2374	Ferranti	<sup>3</sup> H	45	
CV2375	Ferranti	<sup>3</sup> H	60	Pre 1961 Radium 226 activity unknown
CV2483	Nore Electric	<sup>3</sup> H	92	
CV5229	Ferranti	<sup>3</sup> H	55	Pre 1961 Radium 226 activity unknown
CV5312	Ferranti	<sup>3</sup> H	40	
CV5384	Hivac	<sup>3</sup> H	3.5	
CV6028	Nore Electric	<sup>3</sup> H	10.5	

CK1097 Raytheon Caesium 137

CV number	American type	Maker	Isotope	Activity in microcuries (multiply by 37,000 to convert to the modern SI unit of Becquerels (Bq))
508	1B49	West	<sup>226</sup> Ra	2
539	1B23	Bomac	<sup>60</sup> Co	0.15
“	“	Cent	<sup>60</sup> Co	0.5 – 1.0
576	1B26	Bomac	<sup>60</sup> Co	0.15
577	1B36	Bomac	<sup>60</sup> Co	0.25
713	1B27	Bomac	<sup>60</sup> Co	0.15
725	1B24	West	<sup>60</sup> Co	2
761	1B22	Bomac	<sup>60</sup> Co	0.15
1793	724B	Bomac	<sup>60</sup> Co	0.15
1832	OA2	Ray	<sup>60</sup> Co	0.0067
1833	OB2	Ray	<sup>60</sup> Co	0.0067
2573	5651	Ray	<sup>60</sup> Co	0.0067
2615	313C	WE	<sup>226</sup> Ra	0.01

2626	346A	?	?	?
“	346B	WE	<sup>226</sup> Ra	1.0
2826	1B63A	Bomac	<sup>60</sup> Co	0.15
		Microwave	<sup>60</sup> Co	0.5
		Syl	<sup>60</sup> Co	1.0
2914	1B40	Bomac	<sup>60</sup> Co	0.2
		Syl	<sup>60</sup> Co	1.0
3539	6024/ ATR387	Bomac	<sup>60</sup> Co	0.45
3548	1B24A	Bomac	<sup>60</sup> Co	0.15
		Microwave	<sup>60</sup> Co	0.5
		Syl	<sup>60</sup> Co	1.0
		West	<sup>60</sup> Co	2.0
3549	1B38	Bomac	<sup>60</sup> Co	0.9
3550	1B41	Bomac	<sup>60</sup> Co	0.25
		West	<sup>226</sup> Ra	2.0
3628	1B35A	Bomac	<sup>60</sup> Co	
			<sup>60</sup> Co	
			<sup>60</sup> Co	
			<sup>60</sup> Co	
			<sup>60</sup> Co	
			<sup>60</sup> Co	
			<sup>60</sup> Co	
			<sup>60</sup> Co	

3549	1B38	Bomac	Co 60	0.9
3550	1B41	Bomac	Co 60	0.25
		West	Ra 226	2.0
3628	1B35A	Bomac	Co 60	0.4
		Syl	Co 60	1.0
-	5791/X6007	Syl	Co 60	1.0
-	446	AE	Co 14	1.0
3745	1B58	-	-	-
-	GL-1B58	GE	Co 60	0.475

3877	1B56	Bomac	Co 60	0.45
3897	5787	Ray	Co 60	0.0067
3906	6117	Bomac	Co 60	0.45
		Microwave	Co 60	0.5
		Syl	Co 60	1.0
3933	5783	Ray	Co 60	0.0067
3960	5783WA	Ray	Co 60	0.0067
4020	0A2WA	Hy	Ni 63	0.01 to 0.05
		Ray	Co 60	0.0067
4028	0B2WA	Hy	Ni 63	0.01 to 0.05
		Ray	Co 60	
5062	5841			
5113	5787WA			
5186	5651WA	Ch	Ra 226	0.045 to 0.055
		Ray	Co 60	0.0067

Joint Services specification K1001 indicates that valves would not come into the radioactive class if they had less than a given amount as indicated in column 2 below. If a valve had more than one substance then provided the total did not exceed those in the table it still would not come into the radioactive class. E.g. if a valve had 0.8 microcuries of Krypton 85 then it has 80% of the permitted amount of that element. If it also contained 0.02 microcuries of Caesium 137 this would represent 20% of the permitted amount. Added together this is 100% and thus still within the total limit. In all cases the maximum permitted radiation dose rate allowed at surface of valve in millirads per hour was 0.01.

Column 1	Column 2
Substance	Quantity allowed per valve in microcuries
Hydrogen 3 (H3)	1.0
Carbon 14 (C14)	1.0
Chlorine 36 (Cl36)	1.0
Cobalt 60 (Co60)	0.1
Nickel 63 (Ni63)	0.1
Krypton 85 (Kr85)	1.0
Caesium 137 (Cs137)	0.1
Thorium natural	0.1

Thallium 204 (TI204)	0.1
Lead 210	0.1
Radium 226	0.1
Uranium natural (U238)	0.1