



Time and Temperature Chart:

KAR 28-35-242d. Administrative requirements.

(d) X-ray film-processing facilities and practice.

(1) Each facility using a radiographic X-ray system and analog image receptors shall have available suitable equipment for handling and processing radiographic film in accordance with all of the following requirements:

(A) Each manual film-developing system shall meet all of the following requirements:

(i) The processing tanks shall be constructed of mechanically rigid, corrosion resistant material.

(ii) The temperature of the solutions in the tanks shall be maintained within the range of 60oF to 80oF. All film shall be developed in accordance with the time-temperature relationships recommended by the film manufacturer or, in the absence of these recommendations, with the following time-temperature chart:

Time and Temperature Chart		
Thermometer Readings (Degrees)		
°C	°F	Minimum Developing Time (Minutes)
26.7	80	2
26.1	79	2
25.6	78	2½
25	77	2½
24.4	76	3
23.9	75	3
23.3	74	3½
22.8	73	3½
22.2	72	4
21.7	71	4
21.1	70	4½
20.6	69	4½
20	68	5
19.4	67	5½
18.9	66	5½
18.3	65	6
17.8	64	6½
17.2	63	7
16.7	62	8
16.1	61	8½
15.6	60	9½