

**554-23-109 Insulation Location List**

Item #	Quantity	Equipment Tag	Item Description	Work Description	Ref. 554-23-109 Insulation Location Pictures
1	5	6-PRV-1	Gate Valves	Remove existing insulation and replace with removable blanket covering flange connections, valve body, and bonnet. OS&Y to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 1
2	2	6-PRV-1	Control Valves	Remove existing insulation (where applicable) and replace with removable blanket covering connections and flush with permanent insulation. Pilot regulator to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 1
3	2	6-PRV-1	Y-Strainer	Remove existing insulation and replace with removable blanket covering connections. Drain valve to remain exposed. Repair cut ends of existing permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 1
4	1	6-PRV-1	Start-up bypass Line	Install permanent insulation leaving stem of globe valve exposed.	Figure 1
5	2	6-PRV-1	Steam Traps	Install removable blanket extending to unions. Leave integral isolation valve handle exposed.	Figure 1
6	4	6-PRV-2	Gate Valves	Remove existing insulation and replace with removable blanket covering flange connections, valve body, and bonnet. OS&Y to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 2
7	2	6-PRV-2	Control Valves	Remove existing insulation (where applicable) and replace with removable blanket covering connections and flush with permanent insulation. Pilot regulator to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 2
8	2	6-PRV-2	Y-Strainer	Remove existing insulation and replace with removable blanket covering connections. Drain valve to remain exposed. Repair cut ends of existing permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 2
9	1	6-PRV-2	Start-up bypass Line	Install permanent insulation leaving stem of globe valve exposed.	Figure 2
10	2	6-PRV-2	Steam Traps	Install removable blanket over trap extending to unions. Leave integral isolation valve handle exposed.	Figure 2
11	1	6-PRV-2	Globe Valve	Install removable blanket over valve body extending to existing permanent insulation. Leave valve stem exposed.	Figure 2
12	13	Steam Header	Gate Valves	Remove existing insulation and replace with removable blanket covering flange connections, valve body, and bonnet. OS&Y to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 3 and 4
13	2	Steam Header	Steam Traps	Install removable blanket over trap extending to unions. Leave integral isolation valve handle exposed, if applicable.	Figure 4
14	8	6-BFT-1/2/3/4	Blowdown Valves	Two valves per boiler. Install removable insulation blanket to include upstream flange. Leave valve handle exposed and operable with insulation in place.	Figure 5
15	4	6-BFT-1/2/3/4	Flanged Ports	One blind flanged port per boiler labeled feed water. Install removable blanket insulation covering flanges and flush with boiler skin.	Figure 6
16	28	6-BFT-1/2/3/4	Hand Access Ports	Six 6" diameter hand access ports and one larger 12" port on each boiler. Cover port with removable blanket insulation. Install strap anchors in boiler skin to hold in place.	Figure 6 and 12
17	4	6-BFT-1/2/3/4	Rear Door Plate	One 24" diameter plate with site glass on rear door of each boiler. Cover plate with removable blanket insulation. Install strap anchors in boiler skin to hold in place or utilize existing bolts.	Figure 7
18	8	6-BFT-1/2/3/4	Discharge Isolation Valves	Two isolation valve per boiler. Remove existing insulation and replace with removable blanket covering flange connections, valve body, and bonnet. OS&Y to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 8
19	4	6-BFT-1/2/3/4	Start-up bypass Line	Install permanent insulation leaving stem of globe valve exposed.	Figure 8
20	6	6-DHX-1/2/3	Control Valves	Two control valve per water heater. Provide removable blanket for valve body, leaving stem exposed and extending over connecting flanges. Install permanent insulation to match existing upstream and downstream of control valves from Y-strainer to vacuum breaker cross for areas not covered by removable blankets.	Figure 15 ,18, and 20
21	3	6-DHX-1/2/3	Steam Traps	Install removable blanket on vacuum breaker cross and steam trap below vacuum breaker cross. Leave trap monitor housing exposed.	Figure 15 ,18, and 20
22	3	6-DHX-1/2/3	Gate Valves	One isolation gate valve per water heater. Remove existing insulation and replace with removable blanket covering flange connections, valve body, and bonnet. OS&Y to remain exposed. Repair cut ends of permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 16, 17, and 19
23	3	6-DHX-1/2/3	Y-Strainer	One inlet y-strainer per water heater. Remove existing insulation and replace with removable blanket covering connections. Drain valve to remain exposed. Repair cut ends of existing permanent insulation. Blanket to be flush with or overlapping permanent insulation.	Figure 16, 17, and 19
24	3	6-DHX-1/2/3	Steam Traps	Install removable blanket insulation on steam traps on supply line drip legs. Leave trap monitor housing exposed.	Figure 21, 22, and 23
25	3	6-DHX-1/2/3	Steam Traps	Install removable blanket insulation on large steam traps serving the water heaters.	Figure 24, 25, and 26
26	3	6-DHX-1/2/3	Y-strainer	Install removable blanket insulation on y-strainers upstream of water heater steam traps.	Figure 24, 25, and 26