

# **TABLE 3.4-1 TABLE 2 STEAM AND POWER CONVERSION SYSTEMS**

<i>Component/Commodity Group</i>	<i>Component Commodity Group</i>	<i>Constituents:</i>
<b>System No</b> 3010	Steam Generator Blowdown System	
1. Piping and fittings in main feedwater line, steam line and AFW piping (PWR only)		Flow Orifices/Elements  Piping and Fittings Valves
<b>System No</b> 3015	Steam Generator Chemical Addition System	
1. Piping and fittings in main feedwater line, steam line and AFW piping (PWR only)		Piping and Fittings  Valves
<b>System No</b> 3020	Main Steam (MS)	
1. Piping and fittings in main feedwater line, steam line and AFW piping (PWR only)		Flow Orifices/Elements  Piping and Fittings Tubing and Fittings Valves
<b>System No</b> 3050	Feedwater System (FW)	
1. Piping and fittings in main feedwater line, steam line and AFW piping (PWR only)		Feedwater Heater Heat Exchanger Cover / Tubesheet  Feedwater Heater Heat Exchanger Tube Sheet Feedwater Heater Heat Exchanger Tubing Flow Orifices/Elements Piping and Fittings Temperature Elements Tubing and Fittings Valves
<b>System No</b> 3065	Auxiliary Feedwater (AFW)	
1. Piping and fittings in main feedwater line, steam line and AFW piping (PWR only)		Piping and Fittings  Valves
<i>Component/Commodity Group</i>	<i>Component Commodity Group</i>	<i>Constituents:</i>
<b>System No</b> 3010	Steam Generator Blowdown System	

# TABLE 3.4-1 TABLE 2 STEAM AND POWER CONVERSION SYSTEMS

<i>Component/Commodity Group</i>	<i>Component Commodity Group</i>	<i>Constituents:</i>
2. Piping and fittings, valve bodies and bonnets, pump casings, tanks, tubes, tubesheets, channel head and shell (except main steam system)		Flow Orifices/Elements  Piping and Fittings Valves
<b>System No</b> 3015	<b>Steam Generator Chemical Addition System</b>	
2. Piping and fittings, valve bodies and bonnets, pump casings, tanks, tubes, tubesheets, channel head and shell (except main steam system)		Piping and Fittings  Valves
<b>System No</b> 3050	<b>Feedwater System (FW)</b>	
2. Piping and fittings, valve bodies and bonnets, pump casings, tanks, tubes, tubesheets, channel head and shell (except main steam system)		Feedwater Heater Heat Exchanger Cover / Tubesheet  Feedwater Heater Heat Exchanger Tube Sheet Feedwater Heater Heat Exchanger Tubing Flow Orifices/Elements Piping and Fittings Temperature Elements Tubing and Fittings Valves
<b>System No</b> 3065	<b>Auxiliary Feedwater (AFW)</b>	
2. Piping and fittings, valve bodies and bonnets, pump casings, tanks, tubes, tubesheets, channel head and shell (except main steam system)		Flow Orifices/Elements  MDAFW Pump(s) Piping and Fittings Tubing and Fittings Valves
<b>System No</b> 3070	<b>Condensate System (C)</b>	

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<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
2. Piping and fittings, valve bodies and bonnets, pump casings, tanks, tubes, tubesheets, channel head and shell (except main steam system)	Condensate Storage Tank  Flow Orifices/Elements Piping and Fittings Tubing and Fittings Valves
<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
<i>System No</i> 3010	Steam Generator Blowdown System
5. External surface of carbon steel components	Piping and Fittings  Valves
<i>System No</i> 3015	<i>Steam Generator Chemical Addition System</i>
5. External surface of carbon steel components	Piping and Fittings  Valves
<i>System No</i> 3020	<i>Main Steam (MS)</i>
5. External surface of carbon steel components	MSIV Accumulator Tank(s)  Piping and Fittings Tubing and Fittings Valves
<i>System No</i> 3050	<i>Feedwater System (FW)</i>
5. External surface of carbon steel components	Flow Orifices/Elements  Piping and Fittings Temperature Elements Tubing and Fittings Valves
<i>System No</i> 3070	<i>Condensate System (C)</i>
5. External surface of carbon steel components	Piping and Fittings  Tubing and Fittings Valves
<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
<i>System No</i> 3010	Steam Generator Blowdown System

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<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
6. Carbon steel piping and valve bodies	Piping and Fittings Valves
<b>System No</b> 3020 <b>Main Steam (MS)</b>	
6. Carbon steel piping and valve bodies	Piping and Fittings Valves
<b>System No</b> 3050 <b>Feedwater System (FW)</b>	
6. Carbon steel piping and valve bodies	Piping and Fittings Temperature Elements Valves
<b>System No</b> 3065 <b>Auxiliary Feedwater (AFW)</b>	
6. Carbon steel piping and valve bodies	Piping and Fittings Valves
<b>System No</b> 3070 <b>Condensate System (C)</b>	
6. Carbon steel piping and valve bodies	Piping and Fittings Valves
<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
<b>System No</b> 3020 <b>Main Steam (MS)</b>	
7. Carbon steel piping and valve bodies in main steam system	Flow Orifices/Elements Piping and Fittings Tubing and Fittings Valves
<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
<b>System No</b> 3065 <b>Auxiliary Feedwater (AFW)</b>	
9. Heat exchangers and coolers/ condensers serviced by open-cycle cooling water	MDAFW Pump Oil Heat Exchanger Waterbox SDAFW Pump Lube Oil Heat Exchanger Waterbox
<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
<b>System No</b> 4080 <b>Component/Closed Cooling Water System</b>	
10. Heat exchangers and coolers/ condensers serviced by closed-cycle cooling water	SG Blowdown Heat Exchanger Shell

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<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
10. Heat exchangers and coolers/ condensers serviced by closed-cycle cooling water	SG Blowdown Sample Heat Exchanger Tubing
<i>Component/Commodity Group</i>	<i>Component Commodity Group Constituents:</i>
<i>System No</i> 3010	Steam Generator Blowdown System
13. External surface of carbon steel components	Closure Bolting
	Piping and Fittings
	Valves
<i>System No</i> 3020	Main Steam (MS)
13. External surface of carbon steel components	Closure Bolting
	Flow Orifices/Elements
	Piping and Fittings
	Tubing and Fittings
	Valves
<i>System No</i> 3050	Feedwater System (FW)
13. External surface of carbon steel components	Closure Bolting
	Piping and Fittings
	Tubing and Fittings
	Valves
<i>System No</i> 3065	Auxiliary Feedwater (AFW)
13. External surface of carbon steel components	Closure Bolting
	Piping and Fittings
	Valves
<i>System No</i> 4080	Component/Closed Cooling Water System
13. External surface of carbon steel components	SG Blowdown Heat Exchanger Shell