

C-2. Secondary Coolant System # 2

System 2: <input type="checkbox"/> Low Side (evaporator / chiller / etc.)		<input type="checkbox"/> High Side (Condenser / Desuperheater / etc.)	
Secondary Coolant Type:		Secondary Coolant System: <input type="checkbox"/> Open <input type="checkbox"/> Closed	
Overpressure Protection Method			
<input type="checkbox"/> Pressure Relief Valve, Set Point: _____ <input type="checkbox"/> PSI <input type="checkbox"/> KPa (pressure relief valve sizing will be submitted for review)			
<input type="checkbox"/> All parts exposed to (open) expansion tank: <input type="checkbox"/> No Isolation Valve <input type="checkbox"/> Isolation Valve, Locked Open, C/W Safe Operating Procedure for Service (SOP will be submitted for review)			
<input type="checkbox"/> Develop and implement detailed plans based on the requirements of adopted codes and standards for periodic inspections of the secondary coolant system for system integrity (such as leakage due to corrosion), especially where it communicates with the refrigerant side. The inspection result must be reviewed and approved by a professional engineer in order to capture any potential failure before happening; (<u>Inspection Plan will be submitted for review</u>)			
<input type="checkbox"/> Design secondary coolant piping for ammonia side design pressure as per ASME B31.5 (<u>design will be submitted for review</u>)			
<input type="checkbox"/> Other (<u>Please describe below</u>) – (<u>supporting document will be submitted for review</u>):			

C-3. Secondary Coolant System # 3

System 3: <input type="checkbox"/> Low Side (evaporator / chiller / etc.)		<input type="checkbox"/> High Side (Condenser / Desuperheater / etc.)	
Secondary Coolant Type:		Secondary Coolant System: <input type="checkbox"/> Open <input type="checkbox"/> Closed	
Overpressure Protection Method			
<input type="checkbox"/> Pressure Relief Valve, Set Point: _____ <input type="checkbox"/> PSI <input type="checkbox"/> KPa (pressure relief valve sizing will be submitted for review)			
<input type="checkbox"/> All parts exposed to (open) expansion tank: <input type="checkbox"/> No Isolation Valve <input type="checkbox"/> Isolation Valve, Locked Open, C/W Safe Operating Procedure for Service (SOP will be submitted for review)			
<input type="checkbox"/> Develop and implement detailed plans based on the requirements of adopted codes and standards for periodic inspections of the secondary coolant system for system integrity (such as leakage due to corrosion), especially where it communicates with the refrigerant side. The inspection result must be reviewed and approved by a professional engineer in order to capture any potential failure before happening; (<u>Inspection Plan will be submitted for review</u>)			
<input type="checkbox"/> Design secondary coolant piping for ammonia side design pressure as per ASME B31.5 (<u>design will be submitted for review</u>)			
<input type="checkbox"/> Other (<u>Please describe below</u>) – (<u>supporting document will be submitted for review</u>):			

D. Declaration

We understand that a safety officer from Technical Safety BC may perform a site visit to verify the compliance declared here

<input type="checkbox"/> Checking this box and submitting this form attachments to Technical Safety BC via email constitutes your authorization. This has the same effect as submitting a handwritten signature.	
Signature:	Date: