DOC NUMBER: **569-DB7B-MEC-711-006**	CLIENT NUMBER: **PRD-MEC-DSH-029**
CLIENT: **TAKEDA**	
PROJECT: **BURITI EPCVM PROJECT**	

DATA SHEET
CONDENSATE PUMP SKID - PC-7B-1

REV	DATE	DESCRIPTION	EXEC	CHECK	APPROV
0	30/JUL/2021	ISSUED FOR CONSTRUCTION	ASO	LUIS	RSP
A	30/JUN/2021	90% DD ISSUE	ASO	LUIS	RSP

1. REVISION HISTORY

Rev	Reason For Change
A	ORIGINAL ISSUE
0	ISSUED FOR CONSTRUCTION

NUMBER:	569-DB7B-MEC-711-006	CLIENT NR:	PRD-MEC-DSH-029

TITLE

CONDENSATE PUMP SKID - PC-7B-1

SHEET: 3/3

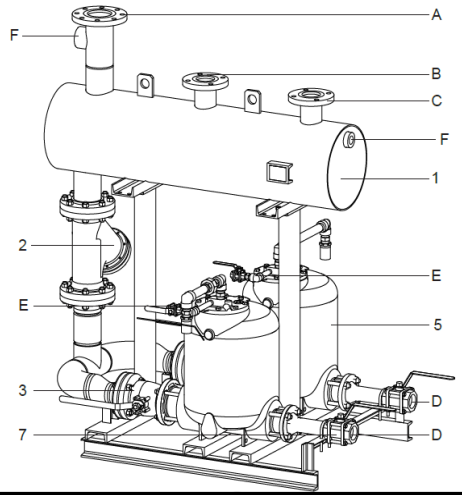
REV.: 0

1	**GENERAL**			
1.1	**ITEM N°:**	*PC-7B-1*	**QUANTITY:**	*1*
1.2	**SERVICE:**	*CONDENSATE - HVAC AND PROCESS*		
1.3	**LOCAL:**	*7B BLD*		
1.4	**MANUFACTURER:**	*Note 1*		
1.5	**MODEL:**	*Note 1 and 2*		
1.6	**APLICABLE:**	*PURPOSE*		
2	**OPERATION CONDITIONS**			
2.1	**PUMP MOTIVE FLUID:**	*STEAM*		
2.2	**MOTIVE PRESSURE REQUIRED:**	*50 psig (3.4 barg)*	**MAX. CONDENSATE FLOW RATE REQ.:**	*3,694 kg/h*
2.3	**PUMP DISCHARGE PRESSURE REQUIRED:**	*1.9 barg (27.6 psig)*		
2.4	**MOTIVE PRESSURE AVAILABLE:**	*8 barg*	**MAXIMUM FLOW RATE:**	*Note 1*
2.5	**MAXIMUM CONDENSATE PRESSURE IN THE COLLECTOR:**	*Note 1*	*barg*	
2.6	**MAXIMUM PUMP SUPPLY PRESSURE:**	*Note 1*	*barg* **STEAM CONSUMPTION:**	*Note 1* *kg/h*

3.0	**SKID COMPONENT CONSTRUCTION MATERIALS**			
3.1	**ID.**	**DESCRIPTION**	**MATERIAL**	**OBSERVATIONS**
3.2	**1**	**CONDENSATE COLLECTOR:**	*CARBON STEEL*	
3.3	**2**	**STRAINER:**	*CAST IRON*	
3.4	**3**	**MANUAL VALVE:**	*CARBON STEEL*	
3.5	**4**	**CHECK VALVE:**	*STAINLESS STEEL*	
3.6	**5**	**CONDENSATE PUMP:**	*DUCTILE IRON*	*SKID WITH 2 PUMPS (ONE SPARE)*
3.7	**6**	**CHECK VALVE:**	*STAINLESS STEEL*	
3.8	**7**	**MANUAL VALVE:**	*CARBON STEEL*	
3.9	**8**	**MANUAL VALVE:**	*CARBON STEEL*	
3.10	**9**	**SILENCER:**	*STAINLESS STEEL*	
3.11	**10**	**CYCLE COUNTER**		

4.0	**CONNECTIONS**					
4.1	**ID.**	**DESCRIPTION**	**DIAMETER**	**TYPE**	**CLASS**	**OBSERVATIONS**
4.2	**A**	**EXHAUSTION**	*Note 1*	*FLANGE*	*150# RF*	
4.3	**B**	**CONDENSATE INLET**	*Note 1*	*FLANGE*	*150# RF*	
4.4	**C**	**CONDENSATE INLET**	*Note 1*	*FLANGE*	*150# RF*	
4.5	**D**	**CONDENSATE OUTLET**	*Note 1*	*THREAD*	*NPT*	
4.6	**E**	**STEAM SUPPLY**	*Note 1*	*THREAD*	*NPT*	
4.7	**F**	**OVERFLOW**	*Note 1*	-	-	

SKETCH



NOTES:

1) To be filled by supplier.

2) Use as reference Spirax Sarco's Pivotrol model.