

NOTES

- (1) Flanges shall be as per ASME B16.5 for size up to 24" and as per ASME B16.47 Series A for size above 24".
- (1) Flange facing shall be "Smooth finish", maximum roughness 125 AARH - 250 AARH (3.2µm - 6.3µm).
- (2) As per PEGS-12059-PIP-029.
- (3) Pipe wall thickness calculation is based on ASME B31.8 Code.
- (4) Integrally Reinforced Forged Branch Outlet Fittings (Weldolet) as per MSS SP-97 and Sweepolet as per Manufacturer design.
- (5) All butt welding fittings shall be as per ASME B16.9 and MSS SP-75.
- (6) Impact test required as the design temperature is -29°C.
- (7) Deleted
- (8) Deleted
- (9) Firesafe and Anti-static device

BRANCH REINFORCEMENT TABLE

BRANCH REINFORCEMENT TABLE - CS, LTCS AND SS

Header		Applicable pipe class: APL01, APL02, APL03																								
1/2	T	Notes:																								
3/4	RT	T	1. W : O' let- Sockolet or Thredolet for branch diameter < 2", Weldolet for large diameter.																							
1	RT	RT	T	T : Equal Tee / RT : Reduced tee, socket weld end for diameter < 2", but weld for large diameter.																						
1.1/2	RT	RT	RT	T	RT+R : Reduced tee and reducer																					
2	W	W	W	W	T	2. For branch reinforcement special cases, 10008-STD-6-PIP-009 shall apply																				
3	W	W	W	W	RT	T																				
4	W	W	W	W	RT	RT	T																			
6	W	W	W	W	W	RT	RT	T																		
8	W	W	W	W	W	W	RT	RT	T																	
10	W	W	W	W	W	W	W	RT	RT	T																
12	W	W	W	W	W	W	W	RT	RT	RT	T															
14	W	W	W	W	W	W	W	W	RT	RT	RT	T														
16	W	W	W	W	W	W	W	W	RT	RT	RT	RT	T													
18	W	W	W	W	W	W	W	W	W	RT	RT	RT	RT	T												
20	W	W	W	W	W	W	W	W	W	RT	RT	RT	RT	RT	T											
24	W	W	W	W	W	W	W	W	W	RT+R	RT	RT	RT	RT	RT	T										
26	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT	RT	RT	RT	RT	T									
28	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT	RT	RT	RT	RT	RT	T								
30	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT+R	RT	RT	RT	RT	RT	RT	T							
40	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT+R	RT+R	RT(4)	RT	RT	RT	RT	RT	T						
48	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT+R	RT+R	RT+R	RT+R	RT	RT	RT	RT	RT	T					
52	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT+R	RT+R	RT+R	RT+R	RT+R	RT	RT	RT	RT	RT	T				
56	W	W	W	W	W	W	W	W	W	RT+R	RT+R	RT+R	RT+R	RT+R	RT+R	RT+R	RT+R	RT	RT	RT	RT	RT	T			
	1/2	3/4	1	1.1/2	2	3	4	6	8	10	12	14	16	18	20	24	26	28	30	40	48	52	56	Branch		