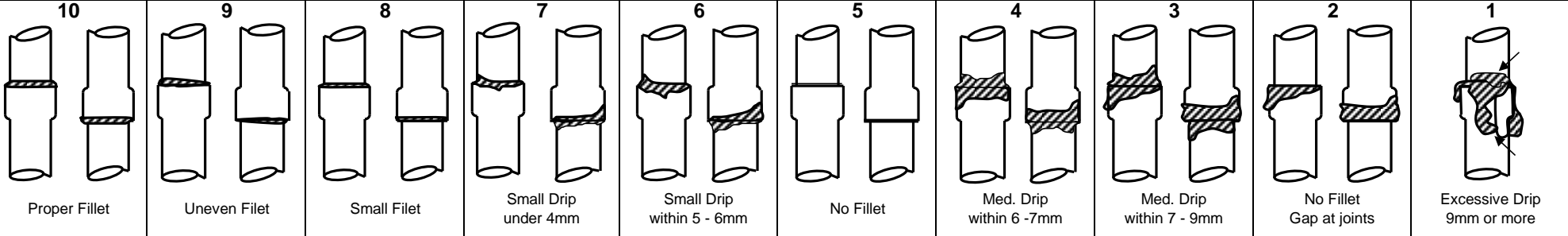
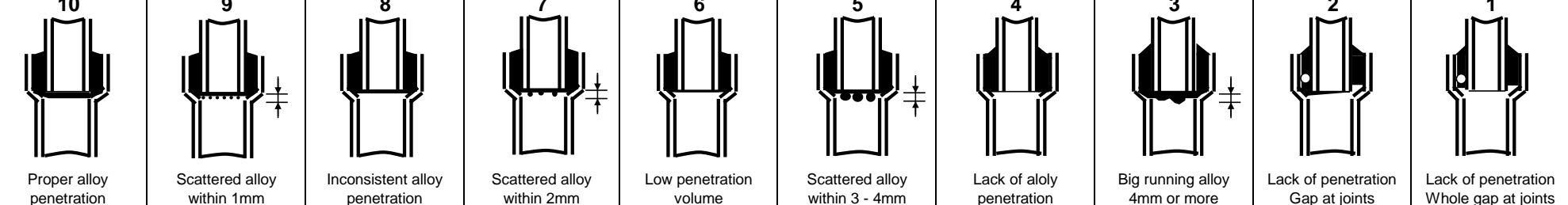
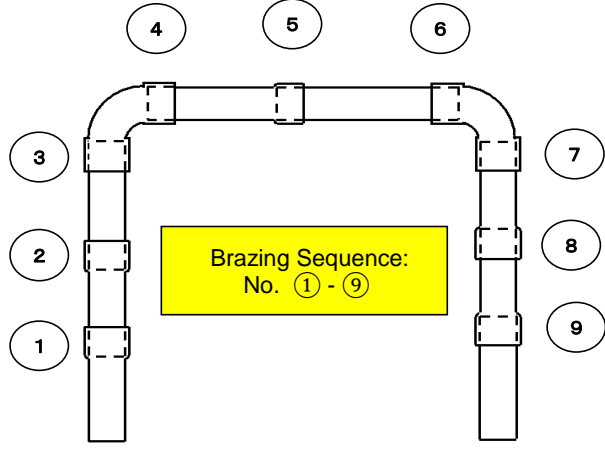


ASSIGNMENT ITEMS	ASSIGNMENT CONTENTS										Judgement	Point Distribution	
1. Quality	LEAKAGE					BRAZING SEQUENCE					*Leak	0	
	1. No Leak: 30 Pts.		2. Leak: 0 Pt.			1. Proper Sequence: 20 Pts.		2. Out of Sequence: 0 Pt.			*Confirm brazing order		
2. Appearance											* Poor external & internal appearances, melting pipes, improper piping assembly: SCORE 0 point.	0	
											* Different model created from assignment, external & internal appearances: SCORE 0 point.		
<p>3. Brazing Operation Condition</p> <p>Downward allowance: 10 mm Above The Joint</p> <p>Horizontal & Upward Joints Score The Significant Drip or Spread</p>	 <p>◆ Pre-heating Check Point</p> <ol style="list-style-type: none"> Heat adjustment Flame length adjustment (40 - 50 mm) Keep proper distance between White Flame and pipe (2 - 3 mm) Heating both pipes evenly (Heating inner pipe and outer pipe evenly at the same time) <p>◆ Alloy Application Check Point</p> <ol style="list-style-type: none"> Heating up pipes to proper temperature for operation Running small amount of alloy consistently Keep proper distance between White Flame and pipe (2 - 3 mm) Running alloy by keeping proper temperature (Keep the color between Blackish red ~ Pink) <p>※ Evaluation of all brazed joints number ① - ⑨ with above check points of pre-heating and alloy application.</p> <p>1. Accomplished: 2 Pts. 2. Not accomplished: 0 Pt.</p> <p>Brazing Operation Condition Scored Under 100 Points (70%): (DISQUALIFIED)</p>										* Basic Knowledge & Proper Operation.	0	
4. Time	Time		within 6:30			within 6:40			within 6:50			* Speed Check under proper temperature control.	0
	Evaluation Points		26			24			22				
	Time		within 7:00			within 7:10			within 7:20				
	Evaluation Points		20			18			16				
Time		within 7:30			within 7:40			within 7:50		8:00 or more			
Evaluation Points		14			12			10		0			
5. Safety - Others	Burn - No PPE - Unsafe use of tools		Explosion sound at Lighting and Extinction				Place fixtures and alloys back to original places				* Errors Check during brazing operation.	0	
	1. Safe action	2. Unsafe action	1. Proper torch operation	2. Improper torch operation	1. Clean up	2. No Clean up							
	10 Pts.	0 Pt.	5 Pts.	0 Pt.	5 Pts.	0 Pt.							