				-	۹lun	ninur	n Braz	ing	Skill	Chec	k Sheet						
Name:															Points:	0	
			_												Max Poin	its: 300	
SAFETY & OTHERS						1			♦ Pre-he	eating Ch	neck Point	♦ A	Alloy Application Ch	neck Point			
ITEMS	OI	(N	G	Sco	res			1) Heat ac				Preheating occured - ligh		е		
1.1 Quality - No Leaks 30											stment - 5 cm Flame not touching		Small amounts of alloy e Proper Distance - Flame				
1.2 Quality - Proper Sequence Torch Operation 20									4)Preheat	ing occured	d - light orange flame	•	·	3			
2.1 Appearance (Inside)									(H	eating inner	pipe and outer pipe even	ily at the same	e time)				
60 2.2 Appearance (Outside)				+													
60																	
3. Knowledge & Operation 84																	
4. Time 26																	
5.1 Safety - PPE & Torch																	
15 5.2 Clean Up																	
5																	
			ı	Downwa		Marks P	er Joint Allo	owed I	cision: By Judge ownward		I		ZA-1 Filler Material		Filler Material		
			1			Marks P	er Joint Allo	owed I	By Judge		}		ZA-1 Filler Material		Filler Material Joint 4–6		
		Dec	ı	Downwa	ırd			owed I	By Judge ownward		n		ZA-1 Filler Material				
		_	ı	Downwa 2	n rd	3 Decision	4	De De la composição de	By Judge ownward 5	6			ZA-1 Filler Material				
Heat adjustment - Excessively high or low		_	ı	2 Decisio	n rd	3 Decision	4 Decision	De De la composição de	By Judge ownward 5 Decision	6			ZA-1 Filler Material]
Heat adjustment - Excessively high or low Flame adjustment (5 cm) - Excessively long or short		Dec	ision	2 Decisio	n Pre-	3 Decision	4 Decision	De D	By Judge ownward 5 Decision	6 Decision			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2-		Dec	ision 1	Downwa 2 Decision	Pre-	3 Decision	4 Decision	Dwed I	By Judge ownward 5	6 Decision			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- times, starts over with each joint Did preheating occur - Judged by Ilight orange flame		1 2 3	lision	Downwa 2 Decision	Pre- 1 2 3	3 Decision	4 Decision Check Point 1 2 3	1 2 3	By Judge ownward 5 Decision	Decision 1 2 3			ZA-1 Filler Material				
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- imes, starts over with each joint Did preheating occur - Judged by llight orange flame		1 2	l ision	Downwa 2 Decisio	Pre- 1 2 3 4	3 Decision	Decision 1 2 3	1 2 3 4	By Judge ownward 5 Decision	6 Decision			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- imes, starts over with each joint Did preheating occur - Judged by Ilight orange flame color		1 2 3 4	ision 1 2 3	Downwa 2 Decisio	Pre- 1 2 3 4 Alloy A	3 Decision	4 Decision 1 2 3 4 nn Check Po	Dowed I	By Judge ownward 5 Decision	6 Decision 1 2 3 4			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- times, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color		1 2 3	lision	Downwa 2 Decisio	Pre- 1 2 3 4	3 Decision	Decision 1 2 3	1 2 3 4	By Judge ownward 5 Decision	Decision 1 2 3			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- imes, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color Small amount of alloy application at a time - alloy was not placed flat on the base material - 4047 - if alloy		1 2 3 4 5 5	1 2 3 4 4 E	Downwa 2 Decisio	Pre- 1 1 2 3 4 Alloy A	3 Decision	4 Decision Check Point 1 2 3 4 n Check Pc 5	Do	By Judge cownward 5 Decision	1 2 3 4 5 5			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- times, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color Small amount of alloy application at a time - alloy was not placed flat on the base material - 4047 - if alloy sticks - does brazer try to add more before melting		1 2 3 4	ision 1 2 3	Downwa 2 Decisio	Pre- 1 2 3 4 Alloy A	3 Decision	4 Decision 1 2 3 4 nn Check Po	Dowed I	By Judge cownward 5 Decision	6 Decision 1 2 3 4			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- times, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color Small amount of alloy application at a time - alloy was not placed flat on the base material - 4047 - if alloy sticks - does brazer try to add more before melting current alloy into the joint Flame distance - Only judge by sound - More than 2-	6	1 2 3 4 5 5	1 2 3 4 4 E	Downwa 2 Decisio	Pre- 1 1 2 3 4 Alloy A	3 Decision	4 Decision Check Point 1 2 3 4 n Check Pc 5	Do	By Judge ownward 5 Decision	1 2 3 4 5 5			ZA-1 Filler Material]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- imes, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color Small amount of alloy application at a time - alloy was not placed flat on the base material - 4047 - if alloy sticks - does brazer try to add more before melting current alloy into the joint	5	1 2 3 4 5 6 7	1 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Downwa 2 Decisio	Pre- 1 2 3 4 4 5 6 7 7	3 Decision heating (4 Decision theck Point 1 2 3 4 n Check Pc 5	Down	By Judge command 5 Decision	1 2 3 4 5 6 6 7]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- imes, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color Small amount of alloy application at a time - alloy was not placed flat on the base material - 4047 - if alloy sticks - does brazer try to add more before melting surrent alloy into the joint Flame distance - Only judge by sound - More than 2-	5	1 2 3 4 5 6 7	1 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Downwa 2 Decisio	Pre- 1 2 3 4 4 5 6 7 7	3 Decision heating (4 Decision theck Point 1 2 3 4 n Check Pc 5	Down	By Judge command 5 Decision	1 2 3 4 5 6 6 7]
ilame adjustment (5 cm) - Excessively long or short ilame distance - Only judge by sound - More than 2- mes, starts over with each joint bid preheating occur - Judged by llight orange flame olor bid preheating occur - Judged by llight orange flame olor small amount of alloy application at a time - alloy was ot placed flat on the base material - 4047 - if alloy ticks - does brazer try to add more before melting urrent alloy into the joint ilame distance - Only judge by sound - More than 2-	5	1 2 3 3 4 5 5 6 7 7 28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 1 2 2 3 4 4 4 5 5 6 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Downwa 2 Decisio	Pre- 1 1 2 3 4 4 AAIloy A	3 Decision heating (4 Decision Check Point 1 2 3 4 4 n Check Point 5 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 2 3 4 4 sint 5 6	By Judge command 5 Decision	1 2 3 4 5 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			OUTSIDE	NSIDE	Joint 4-6]
Flame adjustment (5 cm) - Excessively long or short Flame distance - Only judge by sound - More than 2- imes, starts over with each joint Did preheating occur - Judged by llight orange flame color Did preheating occur - Judged by llight orange flame color Small amount of alloy application at a time - alloy was not placed flat on the base material - 4047 - if alloy sticks - does brazer try to add more before melting zurrent alloy into the joint Flame distance - Only judge by sound - More than 2-	5	1 2 3 3 4 4 5 5 6 6 7 7	1 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Downwa 2 Decisio	Pre- 1 2 3 4 4 5 6 7 7	3 Decision heating (4 Decision theck Point 1 2 3 4 n Check Pc 5	Down	By Judge ownward 5 Decision	1 2 3 4 5 6 6 7	Total Sco		OUTSIDE	NSIDE	Joint 4-6]