

AIAG CQI-29 Special Process: Brazing System Assessment						
Company Name:	Franklin Brazing and Metal Treating			Current Status	GREEN	
Street Address:	2025 McKinley Blvd			Brazing System % Compliance	94.17%	
Country/City/State/ZIP Code:	United States / Lebanon/ Ohio / 45036					
Site Code:						
Parent Code:						
Current Quality Certification(s):	AS9100 and IATF 16949			Job Audit % Compliance	92.86%	
Date of This Assessment:	November 3, 2023					
Date of Initial Assessment:	September 9, 2021					
Date of Re-Assessment (if necessary):						
Number of Brazing Employees at this Facility:	32					
Captive Brazing Organization (Y/N):	No					
				Overall Total of BSA and Job Audits	93.83%	
					93.83%	
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					93.83%	
Job Audit Summary						
				CAB Furnace Overall		93%
				CAB Furnace CTQ		0 RED CTQ Items
				Vacuum Furnace Overall		Not Completed
				Vacuum Furnace CTQ		0 RED CTQ Items
				Flame Overall		Not Completed
				Flame CTQ		0 RED CTQ Items
				Induction Overall		Not Completed
				Induction CTQ		0 RED CTQ Items
				CTQ= Critical to Quality		Higher is Better
Review Members						
		Title	Email Address	Phone		
Stacy Kreklau		Operations Manager	Stacy.kreklau@franklinbrazing.com	513.459.7782 ext. 122		
Leydi Walle		Manufacturing Engineer	Leydi.Walle@franklinbrazing.com	513.459.7782 ext. 121		
Chris Flowers		Maintenance and Heat Treat Spec.	Chris.Flowers@franklinbrazing.com	513.459.7782 ext. 103		
Site Responsible Person						
		Title	Email Address	Phone		
Chet Goodall		Manufacturing Engineer	chet.goodall@franklinbrazing.com	513.459.7782 ext. 121		
Leydi Walle		Quality Engineer	Leydi.Walle@franklinbrazing.com	513.459.7782 ext. 107		
Supplier Contacts						
		Title	Email Address	Phone		
Braze Classifications: Customer Specific						
Brazing Processes Used: Continuous Furnace						
Brazing Specifications Used: AWS 3.6						
Commodity: Chassis						
Part Number(s) Assessed:		Vehicle / Program	Product Information	Overall Summary Comments:		
LEGEND						
Red	Any CTQ RED Element Any BSA RED Element ≥67% Yellow Items on BSA or Job Audit		Does NOT meet the requirements, needs immediate action. Process review indicates that there is a risk of non-conforming product.			
Yellow	<90% GREEN -0- RED		Does NOT meet the requirements, containment is in place. Process review indicates that there is sufficient containment of non-conforming product.			
Green	≥90% GREEN		Meets all requirements			

SUMMARY of RESPONSES

Brazing System Assessment	Section	% Compliance of Rated Elements	RED	YELLOW	GREEN	Possible Elements
Section 1	Brazing System Process Assessment (SPS Assessment)	100.00%	0	0	7	7
Section 2	Documentation	90.48%	0	2	19	21
Section 3	Preplanning / Quality Documentation	88.89%	0	2	16	19
Section 4	Production Process Monitoring / Documentation	96.00%	0	1	24	26
Section 5	Fixture and Tooling	100.00%	0	0	4	4
Section 6	Rework or Scrap Procedures and Reports	80.00%	0	1	4	5
Section 7	Process and Test Equipment Requirements	80.00%	0	1	4	5
Section 8	Thermal Management	100.00%	0	0	5	5
Section 9	Process Control	100.00%	0	0	30	33
% of Items Completed	155.84%	Section 1-9 Total	94.17%	0	7	113
BRAZING JOB PROCESSES	Section	% Compliance of Rated Elements	RED	YELLOW	GREEN	Possible Elements
CAB Furnace Overall	1. PART PRINT	80.00%	0	1	4	5
92.86%	2. CONTROL PLAN	92.86%	0	1	13	14
CAB Furnace Critical to Quality	3. BRAZE QUALITY INSPECTION & REPORTS	88.89%	0	1	8	9
0 RED CTQ Items	4. PARAMETER DOCUMENTATION	100.00%	0	0	3	3
% of Items Completed	5. MAINTENANCE RECORDS	100.00%	0	0	5	5
100.00%	6. SUSTAINABILITY	100.00%	0	0	2	2
	7. PROCESS MONITORING	100.00%	0	0	1	1
	8. FIXTURING AND TOOLING	100.00%	0	0	3	3
Vacuum Furnace Overall	1. PART PRINT	Not Completed	0	0	0	5
Not Completed	2. CONTROL PLAN	Not Completed	0	0	0	14
Vacuum Furnace Critical to Quality	3. BRAZE QUALITY INSPECTION & REPORTS	Not Completed	0	0	0	9
0 RED CTQ Items	4. PARAMETER DOCUMENTATION	Not Completed	0	0	0	3
% of Items Completed	5. MAINTENANCE RECORDS	Not Completed	0	0	0	5
0.00%	6. SUSTAINABILITY	Not Completed	0	0	0	2
	7. PROCESS MONITORING	Not Completed	0	0	0	1
	8. FIXTURING AND TOOLING	Not Completed	0	0	0	3
Flame Overall	1. PART PRINT	Not Completed	0	0	0	5
Not Completed	2. CONTROL PLAN	Not Completed	0	0	0	14
Flame Critical to Quality	3. BRAZE QUALITY INSPECTION & REPORTS	Not Completed	0	0	0	9
0 RED CTQ Items	4. PARAMETER DOCUMENTATION	Not Completed	0	0	0	3
% of Items Completed	5. MAINTENANCE RECORDS	Not Completed	0	0	0	5
0.00%	6. SUSTAINABILITY	Not Completed	0	0	0	2
	7. PROCESS MONITORING	Not Completed	0	0	0	1
	8. FIXTURING AND TOOLING	Not Completed	0	0	0	3
Induction Overall	1. PART PRINT	Not Completed	0	0	0	5
Not Completed	2. CONTROL PLAN	Not Completed	0	0	0	14
Induction to Quality	3. BRAZE QUALITY INSPECTION & REPORTS	Not Completed	0	0	0	9
0 RED CTQ Items	4. PARAMETER DOCUMENTATION	Not Completed	0	0	0	3
% of Items Completed	5. MAINTENANCE RECORDS	Not Completed	0	0	0	5
0.00%	6. SUSTAINABILITY	Not Completed	0	0	0	2
	7. PROCESS MONITORING	Not Completed	0	0	0	1
	8. FIXTURING AND TOOLING	Not Completed	0	0	0	3
Job Audit Total		92.86%	0	3	39	
Overall Total		93.83%	0	10	152	