Orbital Welding technique @AFAQ



تحضير، تعبئة و تغليف، حلول هندسية Process, Packaging, Engineering



AFAQ is using new technique for welding process by using certified orbital machine, and inspection camera to meet delicate hygienic requirements for his customer.

Orbital Welding features:

Increased productivity:

orbital welding equipment guarantees that approved weld sequences are reliably repeated, hence time-consuming repair work will be reduced to a minimum.



• Quality Control:

Modern orbital welding equipment is designed for real-time monitoring of the affecting weld parameters a complete weld protocol can be generated and stored or printed out.



• Consistent excellent weld quality:

the weld quality obtained orbital is superior to that of manual welding.

Once an adequate weld program has been developed, the weld cycle can be repeated as often as necessary, without deviations and virtually without weld defects



• Effective SIP/CIP process:

Most hygienic piping systems are designed to be cleaned or sterilized in-place (CIP/SIP) without being disassembled.

For CIP to be effective, the inner surface of the piping, including the welds, must be smooth and free of crevices and cracks that could entrap product and provide a colonization site for bacteria.

Without the orbital welding of the various fitting, piping runs, valve assemblies, and similar joints, CIP would not be practical.



Application:

- Pharmaceutical and Biotechnology industries
- Food and beverage industries



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Validation authority: Type de produit : Type of product: Modèle : Model: Marque : Brand: Wifi : Wifi :		Apparei érateur/Power			AXXAIR				
Type of product: Model: Model: Marque: Brand: Wifi: Plage de courant:	Gén								
Modèle :	9411			Temp	érature ambiant	001	20.0	C / 68 °F	
Marque : Brand: Wifi : Wifi: Plage de courant ;					Ambiant temperature Tension d'alimentation		230 V		
Brand: Wifi: Wifi: Plage de courant:	Model:		SAXX-200		Power supply voltage Numéro de série:				
Wifi: Plage de courant :	Brand:		AXXAIR		erial number:		AIGC1903016		
			se wifi : word:				Version de soft : 2.23 oftware version:		
Plage de courant : Current range:		3 - 200 A	3 - 200 A		Tension à vide : Load voltage:		76V		
Instrument de mesure Measuring tool		Numéro de série Serial number	Numéro de série Serial number		Constat N° Report N°		Date du dernier contrôle Date of last calibration		
Charge resitive 320A 100% Resistive load 320A 100%		SAXX-BANC N*001		N/A			N/A		
Voltmeter Voltmeter		SAXX-BANC N°001	/D 1012055			12/09/2018			
		SAXX-BANC N°001	AXX-BANC N°001		ID 1012055		12/09/2018		
Classe de validation Validation class:	7	STANDARD	Type de validation : Validation type:			PRECISION			
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Mes. 3a		102,3			102,3	14		PASSE / PASS	
Mes. 4a		150,9				16,1			
Mes. Sa	200	200,7				18,1		PASSE / PASS	
Mes. Sb	200	200,5				18,7			
Mes. 4b	151,2 102.5	150,8		16	151	16,1			
Mes. 3b Mes. 2b	102,5 53,7	53,7	_	14 102,4 12.9 53,5			14 PASSÉ / PASS 12,8 PASSÉ / PASS		
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		± 2,5 % du courant de novelag ± 2,5 % du la tersion a vide.				Consistency	institution on a potentiameter	measuring tool with adjustment.	
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marque : Ri		fothing to report							
Date de validation Validation date:	45	21/03/2019		Signi	iture:	1			
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