

SCROLL CONTROL PLAN

Sofanou PN:

Customer PN: <u>Stage</u>: MASS PRODUCTION

A/ Material receipt

SYNOPTIC MANUFACTURING - CONTROL	FACTURING - PIECE	OP NB	Operation	Process Parameters Product	Machine Maintenance Mean Sheet	Bolt	Reference	Process Product	Picking size/frequency per level			Reaction	Archiving	
Extrusion Unit				Features	Tool			Document	Follow-up	1	2	3	Plan	ng
Granulated raw material administrative receipt (Silos and bags)	Raw material	Op. 12	Transport & delivery note control	Material Nb & tonnage			Padlock on the silos Buffer zone	Transport and delivery note	Supplier analysis certificate			Per material batch	Express some reservations Registered letter with receipt confirmation within 48 H	5 years
Receipt		Op. 13	Picking for control and tests	Extrusion test MFI Density	Extrusion machine Melt index Scales		Padlock on the silos Bag buffer zone	Raw material technical specification AQ/PO- SOF/033/G "Control and tests in receipt" procedure	Laboratory control report			Per material batch	NO DEROGATION ALLOWED - AQ/PO- SOF/034/B supplier non conformity management	5 years
Raw material storage (in silos or bags)		Op. 14	Unloading material in silo: "Accepted" label stocken and storage	Unloading in accordance with AQ/IT-SOF/02A procedure			Padlock on the silos "Accepted" label on the pallet		Traceability book Receipt folder			Per material batch	In accordance with AQ1/IT/SOF/02/A procedure	

B/ Scroll extrusion and cut

SYNOPTIC MANUFACTURING - CONTROL Extrusion Unit		PIECE	OP NB	Operation	Process Parameters Product	Machine Mean	Maintenance Sheet	Bolt	Reference	Process Product	Picking size/frequency			Reaction	Archiving	
					Features	Tool			Document	Follow-up	1	2	3	Plan	ing	
Tooling assembly		Scroll	OP. 11	Tooling set-up	Tooling Nb	Extrusion machine Rotary blade cutting tool	Log book and Tooling sheets	buffer zone bunker + tool prison	Manufacturing order Tooling using procedure Assembling sheet		Eve	ry asseml	olings	Tooling prison in accordance with SM/MO- SOF/584/H procedure		
Starting					Temperature Pressure Screw rotation speed Time	Tempera- ture, speed and pressure indicators		Temperature, and pressure alarms	Manufacturing order Manufacturing sheet	Log book		•				
			OP. 15 & 16	Manufacturing order Manufacturing Iaunching	Aspect, cut quality, burr Dimensions I.C: ID thickness length overlap % Weight	Visual and standard part Calliper Ruler Coned measuring rod Scales	Control tool gauging		- Control sheet: Nb GC/SCROLL/G EN/OR - Control card: Nb CC/SCROLL/G EN/OR	Control card: Nb	Each launching		Internal non conformity management in	Quality follow-up sheet and		
Mass production							Temperature Pressure Screw rotation speed Time	ew , speed and d pressure indicators		Manufacturing sheet	Log book	0	•		accordance with AQ1/IT/SOF/12B procedure	control card: 5 years
			OP. 17	Mass production: Extrusion + cut	Aspect, cut quality, burr Dimensions I.C: ID thickness length overlap % Weight	Visual and standard part Calliper Ruler Coned measuring rod Scales	Control tool gauging	Temperature and pressure alarms	- Control sheet: Nb GC/SCROLL/G EN/OR - Control card: Nb CC/SCROLL/G EN/OR	Control card: Nb	1 part	per pack	ing unit			

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SYNOPTIC		ОР		Process	Machine	Maintenance		Reference	Process	Picking	g size/fre	equency	Reaction	Ar
MANUFACTURING - CONTROL	PIECE		Operation	Product	Mean sheet	Bolt		Product	per level				Archiving	
Extrusion Unit				Features	Tool			document	Follow-up	1	2	3	plan	g
Process	Scroll	18	D						Quality follow- up sheet		0			
audit (A OP.	Process control by audit	Audit criterion				Manufacturing sheet	Process audit					
									card	1 Audit per week				
Product			Product control	I.C dimensions: diameter thickness length overlap %	Calliper and ruler			- Control sheet: Nb GC/SCROLL/G	up sheet			0		5 years
		18 B OP.	by audit	Aspect and burrs	Standard part Visual	Gauging of control tool		EN/OR - Control card: Nb CC/SCROLL/G EN/OR - Scroll drawing	Product audit card MSP follow-				Internal non conformity management in accordance with AQ1/IT/SOF/12B procedure	
				Cut quality Material centring						1 per year		ır		
Packaging		19 OP.	Final packaging	Galia label	box or case			Manufacturing order Manufacturing sheet	Manufacturin g order Nb Description	•	•		procedure	
								Packaging sheet	PN Quantity	1 p	1 per packing unit			
finished product storage		20 OP. 20	Finished product storage	Finished product area Galia label	Area with floor marking		FIFO	Follow-up sheet Galia label		0	•			
Y				Galla label						Each manufacturing order				
Shipment preparation		21 & 22 OP.	Preparation and shipment of products	Shipping area	Area with floor marking		FIFO	Delivery note		Each manufacturing order				