					544	5/55						
	RIGINATOR:			DATE:	RAIN	BIRD	BUSINESS UN	IIT (SBU	and PLANT		RIMARY DESIGN CONTI	RO SHEET:
DEV25-0015		Roberto Guzm	ián	17-Jan-25			02	25 OTY		>>>	LND	1 OF 1
OMR# (IF APPLICABLE	E): DEVIATION		NEW 🗸		DEVIATION FO	ORM (DRAWING)						1 0. 1
	TYPE:	EXTEN	ISION OF DEV#:		FORM#233	3813-01 REV: R	AFFECTED ME	FG PLAN	NTS (WHER	E USEI	<u>D):</u>	_
TOP-LEVEL SKU P/N(S) AND MODEL NU	IMBER(S):			EFFECTIVITY DATE:	EXPIRATION DATE:	005 LAM]	013S STL		025 OTY 🗸	041 NOG 🗸
MU	IF-SPK4S, MUF-SP	K4SX, UXB360SI	PYK, UXB360, UXB3600	25	17-Jan-25	18-Apr-25	008 BUY]	019 AZU		028 TUC	047 TUC
PROJECT NAME OR N	NO. (OPTIONAL):						013E EEX	02	20MX NMD		026 ELG	CHINA 🔲
REASON FOR DEVIA	TION:										APPROVALS (ALL RE	:QUIRED):
		0514, mold 45021	@ Nogales Molding Facili	y, accepting described	conditions and the recomen	ided deviated allowances:					QUALITY MGR. OR QU	
1. 0.452" + 0.001" / -0.00	2" CPK 0.60 PPK 0.	.60 proposing	0.452" + 0.002" / -0.002"	CPK 1.43 PPK 1.42							Indira Aragón /	
			0.466" + 0.002" / - 0.003" 0.122" + 0.002" - 0.002"		limit of this was not onen to	the 1.33 requirement due to i	t heing a critical o	dimension	n that the star	rkun	MANUFACTURING EN	
would only allow it to wor			0.122 . 0.002 0.002	7 TC 1.2011 TC 1.21, UN	o minic of this was not open to	The 1.00 requirement due to i	t boing a ontion o		r triat trio otac	жир	WANDFACTORING EN	NGINEER
					Max flash appendage to be	00012" high X 0.005" thick						
Be aware that we don't h	ave material available	e and need to build	d units to cover backloged	order.								
RISK ASSESSMENT/	CORRECTIVE ACT	TION PLAN (NAM	MES & DATES)/ COMM	ΓMENT:							Claudia	Anaya
Risk assessment:												
₋ow. Flow rate, distribu	ition pattern and leal	kage at closed po	osition were verified in Ar	mex. Results were sa	tisfactory, functional testing	g was conducted in Arimex o	n January, 2025	(PCO 29	9463).			
Corrective action plar												
1.Built Safety stock of 8	•		hat ware not		Amauri Ruiz 1/28/25	F					Paul Dibene /	Xavier Vela
·			nat were not meeting the ist/fabricate components.	•	César Rodríguez 2/4/2 César Rodríguez 3/4/2							
1.Fitting on adjusted co	•		acquabricate components.	- #CONG	César Rodríguez 3/11/2						BUYER OR BUYER/PL	ANNER
5.Sampling at the suppl		a 1 110011			César Rodríguez 3/18/25							
6.Transportation to Nog					César Rodríguez 3/25/25	;					Adriana Romero	/ Amauri Puiz
7.Validation of repaired	mold will be comple	eted by RB Noga	ales		César Rodríguez 4/9/2	25					Auriana Romero	7 Alliauli Ruiz
DRAWING NUMBER	R: DRAWING	REVISION:	DEVIATION REVISIO	N: DRAWING TIT	LE/ PART DESCRIPTION:				VENDOR:		PLANT MANAGER	
180514		D	D2	UMBRELLA 36	io. Bubbler				RB NOGALE	S	Jorge Bo	órquez
											SBU PRODUCT MGR.	
								-				
											Paul D	alley
											OTHER:	
											César Rodríguez, Ju Arvizu, Jef	
DESCRIPTION OF DEV	VIATIONI (ISAMAS C				ATTACH REDLINE PRIN	TQ)·						•
DESCRIPTION OF DE	VIATION (IS/WAS C	CONDITION AND	DIAWING ZONE I OK	ACITEANT NO. ON	ATTACITIVEDEINE FIXIN	•	A.		75 at 419		QUALITY DIRECTOR (K DEVIATIONS)
50 \ 10 000						F3	** CON 41		© ©			•
$F3 \rightarrow IS: DIA$	466 +.002/003; V	VAS: DIA .466 +.0	002/001					Á	01.00 02.00		Blanca	Salas
_									X_19,90°			
F3 → IS: .452	2 +/002; WAS DIA	A .452 +.001/00	2				/ ¥		<_************************************			
							0.203 V 0.201 A	~ 				
D7 → IS : DIA	.122 +.002/001; V	NAS : DIA .122 +.	.002/000				\rightarrow	SECTION A-A	• /			
						F3	***		(i) And And (ii)			
Note 6 -> IS: MAX	X FLASH APPENDA	AGE TO BE .012	HIGH; WAS: MAX FLAS	H APPENDAGE TO E	BE .005 HIGH		2010491	00.4	 			
,									57			
			-						- 021±002			
							Page 17		<u> </u>			
							3.50	200	c ua			
			-	_			7	SECTION A-A	! /			
	ALCOHOLD TO		0.00			D7	015-3	0.573	e .			
	The state of the			No.				777	22*.002 (15) .121124)			
	LCC 5707		10.00	100			(PITCH)		<u></u>			
	The state of		1000000						.1722.002			
							£.015		.335			
								SECTION B-B	×			
						Nata 6	Z 111V	HACLIADE	DENITA CIE TO 1	RE DOE	HIGH X .005 THICK.	
						Note 6	o. MAX I	LASTI APP	FINDAGE IO I	1 600. 30	MOIT A JUU ITIUK.	

Guzman, Roberto OTY 4791

From: Guzman, Roberto OTY 4791
Sent: Friday, January 17, 2025 5:17 PM

To: Aragon, Indira OTY 4360; Casas, Ramiro OTY 4364; Anaya, Claudia OTY 4329; Dibene, Paul OTY2 4687; Vela, Xavier OTY 4377; Romero, Adriana OTY 4351; Ruiz, Amauri OTY 4374; Borquez, Jorge OTY 4398;

Dailey, Paul SOPT; Rodriguez, Cesar Alberto NOG 5053; Mexia, Juan NOG 5089; Arvizu, Marisol NOG 5017; Cooper, Jeff SOPT 6563; Salas, Blanca LAM2 4020

DEV25-0015_ApproveQAP1000_180514_XeriBubblers

Attachments: DEV25-0015_ApproveQAP1000_180514_XeriBubblers.xlsx; PCO26463.pdf

Trac	:king:	

Subject:

Recipient	Delivery	Read	Response
Aragon, Indira OTY 4360	Delivered: 1/17/2025 5:17 PM	Read: 1/20/2025 10:29 AM	Approve: 1/20/2025 10:31 AM
Casas, Ramiro OTY 4364	Delivered: 1/17/2025 5:17 PM		
Anaya, Claudia OTY 4329	Delivered: 1/17/2025 5:17 PM	Read: 1/20/2025 7:32 AM	Approve: 1/20/2025 7:33 AM
Dibene, Paul OTY2 4687	Delivered: 1/17/2025 5:17 PM		
Vela, Xavier OTY 4377	Delivered: 1/17/2025 5:17 PM		Approve: 1/20/2025 7:42 AM
Romero, Adriana OTY 4351	Delivered: 1/17/2025 5:17 PM	Read: 1/17/2025 10:07 PM	Approve: 1/20/2025 7:04 AM
Ruiz, Amauri OTY 4374	Delivered: 1/17/2025 5:17 PM	Read: 1/20/2025 11:01 AM	Approve: 1/20/2025 11:02 AM
Borquez, Jorge OTY 4398	Delivered: 1/17/2025 5:17 PM	Read: 1/20/2025 10:59 AM	Approve: 1/20/2025 11:00 AM
Dailey, Paul SOPT	Delivered: 1/17/2025 5:17 PM		Approve: 1/20/2025 10:56 AM
Rodriguez, Cesar Alberto NOG 5053	Delivered: 1/17/2025 5:17 PM		Approve: 1/17/2025 5:24 PM
Mexia, Juan NOG 5089	Delivered: 1/17/2025 5:17 PM		Approve: 1/20/2025 2:30 PM
Arvizu, Marisol NOG 5017	Delivered: 1/17/2025 5:17 PM	Read: 1/20/2025 8:41 AM	Approve: 1/20/2025 8:42 AM
Cooper, Jeff SOPT 6563	Delivered: 1/17/2025 5:17 PM	Read: 1/18/2025 7:22 AM	
Salas, Blanca LAM2 4020	Delivered: 1/17/2025 5:17 PM	Read: 1/20/2025 8:45 AM	Approve: 1/20/2025 2:19 PM

Good afternoon, team!

Please, review and approve the attached document at your earliest convenience. Use the voting buttons in the email.

DEV NUMBER:	ORIGINATOR:		DATE:	RAIN	BIRD	BUSINESS UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONTRO			TRO SHEET:	
DEV25-0015	Roberto	Guzmán	17-Jan-25			025	0TY	>>>	LND	1 OF 1
DMR# (IF APPLICAE	BLE): DEVIATION	NEW 🔽	FALSE	DEVIATION FO	RM (DRAWING)			_	,	1 01 1
	TYPE: E	XTENSION OF DEV	#:	FORM#233	813-01 REV: R	AFFECTED MFG	PLANTS (WHER	(E USED)	<u>:</u>	
TOP-LEVEL SKU P/	N(S) AND MODEL NUMBER(S)	:		EFFECTIVITY DATE:	EXPIRATION DATE:	005 LAM	013S STL		025 OTY 🔽	041 NOG 🔽
ML	JF-SPK4S, MUF-SPK4SX, UXB	360SPYK, UXB360, UXB36	60025	17-Jan-25	18-Apr-25	008 BUY 🦵	019 AZU		028 TUC 🦵	047 TUC
PROJECT NAME OF						013E EEX 🗀	020MX NMD		026 ELG 厂	CHINA 🗌
REASON FOR DEV								ŀ	APPROVALS (ALL	REQUIRED):
	al of QAP1000 for P/N 180514, m 0.002" CPK 0.60 PPK 0.60 pr				e recomended deviated alk	owances:			QUALITY MGR. OR (QUALITY ENG.
2. 0.488" + 0.002" / -	0.001" CPK 0.31PPK 0.30 pr	oposing 0.488"+0.002"/-	0.003" CPK 2.30 PPk	(2.17					Indira Aragón	
	0.000" CPK 0.24 PPK 0.24 pr nly allow it to work to the propose		.002" CPK 1.20 PPK	1.21, the limit of this was not	open to the 1.33 requireme	nt due to it being a	critical dimension	n that	MANUFACTURING E	NGINEER
4. Note 6 Max flash a	ppendage to be 0005" high $ imes$ 0	.005" thick, Max detected @		sed Note 6 Max flash apper	ndage to be 00012" high X (0.005" thick				
	n't have material available and n									
	T/ CORRECTIVE ACTION PLAN	N (NAMES & DATES)/ CO	MMITMENT:						Claudia	Anaya
Risk assessmen Low Flow rate dis	τ: stribution pattern and leakage ε	at closed position were ver	rified in Arimex Resul	lts were satisfactory fun	ctional testing was condu	ucted in Arimex or	January 2025	(PCO		
29463).	and realized pattern and realized to	iii diddda podillain 170,0 Td.	mod my minox. Hood	no ir oro ounoraciony, run	onena tooting was sense			(, 55		
Corrective action					4100105				Paul Dibene	/ Xavier Vela
	of 8 to cover the repaire time. ported to PA to assess the dir		eting the specification	Amauri Ruiz n - 1 week - César Rodri	1/28/25 quez 2/4/25					
	metal analysis to elaborate a			César Rodrí	-				BUYER OR BUYER/F	I ANNER
	d components and dry run 1	week		César Rodríg				ľ	201211 011 2012101	D'antere
 Sampling at the se Transportation to 				César Rodrígu César Rodrígu					Adriana Romer	o / Amauri Ruiz
	rired mold will be completed by	RB Nogales		César Rodrío					ranana nomon	o / / timedi / itali
DRAWING NUMBE	ER: DRAWING REVISION	I: DEVIATION REVIS	ION: DRAWING TO	TLE/ PART DESCRIPTION:			VENDOR	:	PLANT MANAGER	
180514	D	D2	UMBRELLA 3	60, BUBBLER			RB NOGAL	.ES	Jorge B	órquez
									SBU PRODUCT MGR	. OR SBU ENG. MGI
									Paul I	Dailey
									OTHER:	
									César Rodrígue	
DESCRIPTION OF D	EVIATION (IS/WAS CONDITION	AND DRAWING ZONE FO	R EACH PART NO. O	R ATTACH REDLINE PRIN	TS):			$\overline{}$	Marisol Arvizu QUALITY DIRECTOR	
22001111 11011 01 2					. 5). F3		(B. 80.40)			ACK DEVIATIONS)
F3 → IS: [DIA .466 +.002/003; WAS : DIA	A .466 +.002/001			, ,	**************************************	(1.00.a)		Blanca	Salas
,	,						NY NY	Ŀ		
F3 → IS: .	452 +/002; WAS DIA .452 +.	001/002								
-						2307				
D7 → IS: [DIA .122 +.002/001; WAS: DI	A .122 +.002/000				1	HOTONIAA			
					F3		(S) AND ANY			
Note 6 \rightarrow IS: N	MAX FLASH APPENDAGE TO E	BE .012 HIGH; WAS: MAX F	LASH APPENDAGE	TO BE .005 HIGH		tuen-	(8 m.m)			
							15.52 mm			
		-					- mm			
						0.300 (7	min .			
						Y	MCTONAA			
	and the same of				D7		own.			
		100	360			1111	11 11 (B.18-18)			
	SC FREE					(PRCH) - 1				
_							min			
_						E015				
							SECTION 8-8			
					Note 6	6. MAX FLA	SH APPENDAGE TO	BE .005 HI	GH X .005 THICK.	

24-Hour Rule applies!

If additional information or more time is needed, please, vote "Discuss" to request it.

If you are not the correct Deviation approver, please, vote "Reject" to reassign it.

Regards,

Roberto Guzmán Vega Sr. Product Engineer +52 (3) 333 644791 +1 (626) 4283010, X 4791

Ensambles Hyson Av. Industrial 333 Sección Dorada Parque Industrial Otay Tijuana, México, 22500



Guzman, Roberto OTY 4791

From: Cooper, Jeff SOPT 6563

Sent: Saturday, January 18, 2025 7:23 AM

To: Guzman, Roberto OTY 4791; Aragon, Indira OTY 4360; Casas, Ramiro OTY 4364; Anaya, Claudia OTY 4329; Dibene, Paul OTY2 4687; Vela, Xavier OTY 4377; Romero, Adriana OTY 4351; Ruiz, Amauri OTY 4374;

Borquez, Jorge OTY 4398; Dailey, Paul SOPT; Rodriguez, Cesar Alberto NOG 5053; Mexia, Juan NOG 5089; Arvizu, Marisol NOG 5017; Salas, Blanca LAM2 4020

Subject: RE: DEV25-0015_ApproveQAP1000_180514_XeriBubblers

Yes, I approve.

From: Guzman, Roberto OTY 4791 < roguzman@rainbird.com>

Sent: Friday, January 17, 2025 6:17 PM

Subject: DEV25-0015_ApproveQAP1000_180514_XeriBubblers

Good afternoon, team!

Please, review and approve the attached document at your earliest convenience. Use the voting buttons in the email.

DEV NUMBER:	ORIGINATOR:		DATE:	RAIN	BIRD	BUSINESS UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONTRO			TRO SHEET:	
DEV25-0015	Roberto	Guzmán	17-Jan-25			025	0TY	>>>	LND	1 OF 1
DMR# (IF APPLICAE	BLE): DEVIATION	NEW 🔽	FALSE	DEVIATION FO	RM (DRAWING)			_	,	1 01 1
	TYPE: E	XTENSION OF DEV	#:	FORM#233	813-01 REV: R	AFFECTED MFG	PLANTS (WHER	(E USED)	<u>:</u>	
TOP-LEVEL SKU P/	N(S) AND MODEL NUMBER(S)	:		EFFECTIVITY DATE:	EXPIRATION DATE:	005 LAM	013S STL		025 OTY 🔽	041 NOG 🔽
ML	JF-SPK4S, MUF-SPK4SX, UXB	360SPYK, UXB360, UXB36	60025	17-Jan-25	18-Apr-25	008 BUY 🦵	019 AZU		028 TUC 🦵	047 TUC 🦵
PROJECT NAME OF						013E EEX 🗀	020MX NMD		026 ELG 厂	CHINA 🗌
REASON FOR DEV								ŀ	APPROVALS (ALL	REQUIRED):
	al of QAP1000 for P/N 180514, m 0.002" CPK 0.60 PPK 0.60 pr				e recomended deviated alk	owances:			QUALITY MGR. OR (QUALITY ENG.
2. 0.488" + 0.002" / -	0.001" CPK 0.31PPK 0.30 pr	oposing 0.488"+0.002"/-	0.003" CPK 2.30 PPk	(2.17					Indira Aragón	
	0.000" CPK 0.24 PPK 0.24 pr nly allow it to work to the propose		.002" CPK 1.20 PPK	1.21, the limit of this was not	open to the 1.33 requireme	nt due to it being a	critical dimension	n that	MANUFACTURING E	NGINEER
4. Note 6 Max flash a	ppendage to be 0005" high $ imes$ 0	.005" thick, Max detected @		sed Note 6 Max flash apper	ndage to be 00012" high X (0.005" thick				
	n't have material available and n									
	T/ CORRECTIVE ACTION PLAN	N (NAMES & DATES)/ CO	MMITMENT:						Claudia	Anaya
Risk assessmen Low Flow rate dis	τ: stribution pattern and leakage ε	at closed position were ver	rified in Arimex Resul	lts were satisfactory fun	ctional testing was condu	ucted in Arimex or	January 2025	(PCO		
29463).	and realized pattern and realized to	iii diddda podillain 170,0 Td.	mod my minox. Hood	no ir oro ounoraciony, run	onena tooting was sense			(, 55		
Corrective action	•				4100105				Paul Dibene	/ Xavier Vela
	of 8 to cover the repaire time. ported to PA to assess the dir		eting the specification	Amauri Ruiz n - 1 week - César Rodri	1/28/25 quez 2/4/25					
	metal analysis to elaborate a			César Rodrí	-				BUYER OR BUYER/F	I ANNER
	d components and dry run 1	week		César Rodríg				ľ	201211 011 2012101	D'antere
 Sampling at the se Transportation to 				César Rodrígu César Rodrígu					Adriana Romer	o / Amauri Ruiz
	rired mold will be completed by	RB Nogales		César Rodrío					ranana nomon	o / / timedi / itali
DRAWING NUMBE	ER: DRAWING REVISION	I: DEVIATION REVIS	ION: DRAWING TO	TLE/ PART DESCRIPTION:			VENDOR	:	PLANT MANAGER	
180514	D	D2	UMBRELLA 3	60, BUBBLER			RB NOGAL	.ES	Jorge B	órquez
									SBU PRODUCT MGR	. OR SBU ENG. MGI
									Paul I	Dailey
									OTHER:	
									César Rodrígue	
DESCRIPTION OF D	EVIATION (IS/WAS CONDITION	AND DRAWING ZONE FO	R EACH PART NO. O	R ATTACH REDLINE PRIN	TS):			$\overline{}$	Marisol Arvizu QUALITY DIRECTOR	
22001 11011 01 2					. 5). F3		(B. 80.40)			ACK DEVIATIONS)
F3 → IS: [DIA .466 +.002/003; WAS : DIA	A .466 +.002/001			, ,	**************************************	(1.00.a)		Blanca	Salas
,	,						NY NY	Ŀ		
F3 → IS: .	452 +/002; WAS DIA .452 +.	001/002								
-						2307				
D7 → IS: [DIA .122 +.002/001; WAS: DI	A .122 +.002/000				1	HOTONIAA			
					F3		(S) AND ANY			
Note 6 \rightarrow IS: N	MAX FLASH APPENDAGE TO E	BE .012 HIGH; WAS: MAX F	LASH APPENDAGE	TO BE .005 HIGH		tuen-	(8 m.m)			
							15.52 mm			
		-					- mm			
						0.300 (7	min .			
						Y	MCTONAA			
	and the same of				D7		own.			
		100	360			1111	11 11 (B.18-18)			
	SC FREE					(PECH) - 1				
_							min			
_						E015				
							SECTION 8-8			
					Note 6	6. MAX FLA	SH APPENDAGE TO	BE .005 HI	GH X .005 THICK.	

24-Hour Rule applies!

If additional information or more time is needed, please, vote "Discuss" to request it.

If you are not the correct Deviation approver, please, vote "Reject" to reassign it.

Regards,

Roberto Guzmán Vega Sr. Product Engineer +52 (3) 333 644791 +1 (626) 4283010, X 4791

Ensambles Hyson Av. Industrial 333 Sección Dorada Parque Industrial Otay Tijuana, México, 22500



Fecha: 01/09/2025 ___

Turno:_3 / 2_

PCO:29463
El patrón de riego de tres muestras no fue confirmado en una segunda prueba por parte de Ingeniería de Producto.
Las muestras con flujo alto se ajustaron ("cerraron") de acuerdo con Product Specification 178487, rev. B y están dentro de especificación.

Pruebas de Xeri bubblers

	Cavidad 1											
	177452 S	Modelo con estaca TAKE WITH STREAM			odelo con base de ro READED BASE, ASSE			Modelo con base de punta, 179227 BARB BASE, ASSEMBLED WITH BUBB				
	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo			
1	ок	ок	0.477	ок	ок	0.548	ок	ок	0.543			
2	ок	ок	0.471	ок	ок	0.552	ок	ок	0.536			
3	ок	ок	0.484	ок	ок	0.542	ок	ок	0.521			

	Cavidad 2												
		Modelo con estaca		Mo	odelo con base de ro	202	Mo	dala can basa da nu	nta				
	177452 ST	MODELO CON ESTACA 3 AKE WITH STREAM			EADED BASE, ASSE		Modelo con base de punta, 179227 BARB BASE, ASSEMBLED WITH BUBB						
	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo				
1	ок	ок	0.505	ок	ок	0.567	ок	ок	0.542				
2	ок	ок	0.514	ок	ок	0.558	ок	ок	0.543				
3	ок	ок	0.47	ок	ок	0.553	ок	ок	0.518				

	Cavidad 3												
	177452 ST	Modelo con estaca AKE WITH STREAM 3			odelo con base de ro EEADED BASE, ASSE		Modelo con base de punta, 179227 BARB BASE, ASSEMBLED WITH BUBB						
	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo				
1	ок	ок	0.478	ок	ок	0.522	ок	ок	0.527				
2	ок	ок	0.505	ок	ок	0.562	ок	ок	0.52				
3	ок	ок	0.504	ок	ок	0.553	ок	ок	0.528				

	Cavidad 4												
	177452 ST	Modelo con estaca AKE WITH STREAM 3			idelo con base de ro: EADED BASE, ASSEI		Modelo con base de punta, 179227 BARB BASE, ASSEMBLED WITH BUBB						
	Patron de riego	Fuga	Flujo				Patron de riego	Fuga	Flujo				
4	ок	ок	0.47	ок	ок	0.586	ок	ок	0.539				
	OK	- OK	0.47	- OK	- OK	0.300	- OK	- OK	0.559				
2	ОК	OK	0.476	ок	ок	0.553	ок	ок	0.534				
3	OK	OK	0.497	OK	OK	0.557	OK	OK	0.522				

Pruebas realizadas en turno 2 por Carlos Bautista

	Cavidad 5											
	177452 STA	Modelo con estaca			delo con base de ro: EADED BASE, ASSEI			delo con base de pu B BASE. ASSEMBLE				
	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo			
1	ок	ок	0.447	NG	ок	0.545	NG	ок	0.514			
2	ок	ок	0.439	ок	ок	0.518	ок	ок	0.516			
3	ок	ок	0.453	ок	ок	0.516	NG	ок	0.52			

	Cavidad 6											
	177452 ST	Modelo con estaca AKE WITH STREAM 3			delo con base de ro EADED BASE, ASSE		Modelo con base de punta, 179227 BARB BASE, ASSEMBLED WITH BUBB					
	Patron de riego	Fuga		Patron de riego			Patron de riego	Fuga	Flujo			
1	ок	ок	0.475	ок	ок	0.49	ок	ок	0.487			
2	ок	ок	0.493	ок	ок	0.523	ок	ок	0.485			
3	ок	ок	0.466	ок	ок	0.505	ок	ок	0.478			

	Cavidad 7												
		Modelo con estaca			odelo con base de ro		Modelo con base de punta, 179227 BARB BASE. ASSEMBLED WITH BUBB						
	177452 STAKE WITH STREAM 360, MICRO S Patron de riego Fuga Flujo			Patron de riego	READED BASE, ASSE Fuga	MBLED WITH	Patron de riego	Fuga	Flujo				
	Patron de nego	ruga	Fiujo	Patron de nego	ruga	riujo	Patron de riego	ruga	Fiujo				
1	ок	ок	0.489	ок	ок	0.511	ок	ок	0.507				
2	ок	ок	0.491	ок	ок	0.519	ок	ок	0.483				
3	ок	ок	0.475	ок	ок	0.503	ок	ок	0.514				

	Cavidad 8								
	Modelo con estaca 177452 STAKE WITH STREAM 360, MICRO S			Modelo con base de rosca 179223 THREADED BASE, ASSEMBLED WITH			Modelo con base de punta, 179227 BARB BASE, ASSEMBLED WITH BUBB		
	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo	Patron de riego	Fuga	Flujo
1	ок	ок	0.483	ок	ок	0.5	ок	ок	0.505
2	ок	ок	0.478	ок	ок	0.496	ок	ок	0.51
3	ок	ок	0.493	ок	ок	0.495	ок	ок	0.498