DEV NUMBER: ORIGINATOR: DATE:					RAIN BIRD BUSINESS UNIT			UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONT SHEET:				
DEV25-0163		Roberto Gu	zmán		14-May-25			025 (> LND		
DMR# (IF APPLICA	BLE):	DEVIATION	NEW 🗍			DEVIATION FO	RM (DRAWING)	520			1 OF 1	
(2.0/1							PLANTS (WHERE USED):					
TOP-LEVEL SKU P/N(S) AND MODEL NUMBER(S):						EFFECTIVITY DATE:	EXPIRATION DATE:	005 LAM	013S STL	025 OTY 🔽	041 NOG 🔽	
MUF-SPK4S, MUF-SPK4SX, UXB360SPYK, UXB360, UXB360025						14-May-25	17-Aug-25	008 BUY	019 AZU	028 TUC	047 TUC	
PROJECT NAME OF	R NO. (0	PTIONAL):						013E EEX 🔲	020MX NMD	026 ELG 🔲	CHINA 🔲	
REASON FOR DEV	IATION:							-		APPROVALS (ALL R	EQUIRED):	
1452" +.001"/-	002",	CPK 0.60 PPK 0.60 p				PPK 1.42				QUALITY MGR. OR (QUALITY ENG.	
	-	CPK 0.31 PPK 0.30 p			•	0 PPK 2.17 0 PPK 1.21 (The limit was not opened to meet CPK = 1.33			and in a mont	Indira Aragón / Ramiro Casas		
		d only allow this cr							equirement	MANUFACTURING ENGINEER		
		sing .021" +.009"/								Claudia	Anaya	
		pendage to be .005" material available and ne				ax flash appendage t	o be .017" high X .00	5" thick		ENGINEERING MANAGER		
20 ama: 0 ama: 110 ao		material available and ne	ou 10 Dulla u	10 00101 20	oogou o. uo					Paul Dibene / Xavier Vela		
RISK ASSESSMENT	T/ COR	RECTIVE ACTION PLAN	(NAMES &	DATES)/ COM	IMITMENT:					BUYER OR BUYER/F	PLANNER	
Risk assessment:	dictnih.	ution nattonn and lo	akago at si	locad pacitio	n wono vonified	in Animov on lan 2	025 (PCO 29463). Dist	nihution nattor	on was vonified in	Adriana Romero a	ınd Amauri Ruiz	
RB Nogales and Ar			anage at C.	roseu hositio	n wene venitted	III AI'IIIEX OII JdII, Z	023 (PCO 29403). DISC	i ioution patter	ii was vei.TiTen Tu	PLANT MANAGER		
Corrective action p	olan:	-								Jorge B	órquez	
		verage (calculated by 1 moldmaker for stee			Luis Montoy Jeff Cooper	ya 01/07/2025 r and Alexis Molina 07/08/2025				SBU PROD MGR OR	BU PROD MGR OR SBU ENG MGR	
3. Perform assess	sment ar	nd steel analysis to	-		Jeff Cooper		07/15/2025			Paul D	ailey	
4. Fit on adjuste 5. Sample mold wi		onents and dry run			Jeff Cooper Jeff Cooper					OTHER		
6. Transfer mold					Jeff Cooper		09/13/2025			César Rodríguez, Luis Montoya,		
7. Complete valid	dation i	in RB Nogales molding	g plant		Marisol Arv	izu	10/07/2025			Alexis Molina, Jeff Cooper and Marisol Arvizu		
								ı				
DRAWING NUMBE	ER:	DRAWING REVISION:	DEVIA	TION REVISION		LE/ PART DESCRIPTIO	N:		VENDOR:	QUALITY DIRECTOR BACK-TO-BACK DEV	`	
180514		D		D3	UMBRELLA 36	50, BUBBLER			RB NOGALES		•	
DESCRIPTION OF F	DEVIATION	ON (IS/M/AS CONDITION	I AND DRAW	VINC ZONE EC		D. OR ATTACH REDLINE	DDINTS).			Blanca	Saias	
_		+.002/003; WAS : DIA .4			IN LACITI AINT IN	D. OR ATTAOTT REDEINE	F3	<u></u>	_ 	3 /\		
70 - 710.0			00 1.002/ .0	,01			, 0	## (D)	(Smm	46 - 002 R 616 491	4.	
F3 \rightarrow IS: .452 +/002; WAS DIA .452 +.001/002								3)				
		,							071+002		- 10.00°	
D7 → IS: D	IA .122 +	+.002/001; WAS : DIA .	122 +.002/	000				0.200 17		(241 V) (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>—</u>	
,		,							38278WA-4	Ø.301 A .295±.002		
E3 → IS: .0	021 +.009	9/002; WAS : .021 +/0	02				F3		(3) /64-/69)			
•								**************************************				
Note 6 \rightarrow IS: M	1AX FLAS	SH APPENDAGE TO BE	.017 HIGH; \	WAS : MAX FLA	SH APPENDAGE	TO BE .005 HIGH		\\ \(\bar{\pi}\)2	1000			
		100			Flash in the cavity	/~			E 101200			
		_			1		NAME OF THE PERSON OF THE PERS	220 V				
		_	1		Marie /		le W	\sim	sección a			
	TOPPO	and a second					D7	<i></i>	0.803/0"			
	152.5	Eart .	NA.CO				1 V	215	197 199 (1000) (15) 191-194			
						/ //		.061 (PIICH)				
									1774-002			
								8.015 - K.010	335			
									ECTION 8-8			
							Note 6	6. MAX FLAS	SH APPENDAGE TO BE .005	HIGH X .005 THICK.		

Guzman, Roberto OTY 4791

From: Guzman, Roberto OTY 4791

Sent: Wednesday, May 14, 2025 3:30 PM

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

Rodriguez, Cesar Alberto NOG 5053; Montoya, Luis NOG 5088; Molina, Jesus Alexis NOG; Cooper, Jeff SOPT 6563; Arvizu, Marisol NOG 5017; Salas, Blanca LAM2 4020; Guzman, Roberto OTY 4791

DEV25-0163_ExtensionDEV25-0015_ApproveQAP1000_180514_XeriBubblers

Attachments: PCO26463.pdf; DEV25-0163_ExtensionDEV25-0015_ApproveQAP1000_180514_XeriBubblers.xlsx

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Tr	20	VI	n	~	•
	av	N		ч	•

Subject:

Recipient	Delivery	Read	Response
Aragon, Indira OTY 4360	Delivered: 5/14/2025 3:30 PM	Read: 5/16/2025 8:10 AM	
Casas, Ramiro OTY 4364	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 3:39 PM	Approve: 5/14/2025 3:39 PM
Anaya, Claudia OTY 4329	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 3:30 PM	Approve: 5/14/2025 3:34 PM
Vela, Xavier OTY 4377	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 3:38 PM	Approve: 5/15/2025 10:33 AM
Romero, Adriana OTY 4351	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 4:34 PM	Approve: 5/14/2025 4:34 PM
Ruiz, Amauri OTY 4374	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 4:44 PM	Approve: 5/14/2025 4:45 PM
Borquez, Jorge OTY 4398	Delivered: 5/14/2025 3:30 PM		Approve: 5/16/2025 8:39 AM
Dailey, Paul SOPT	Delivered: 5/14/2025 3:30 PM		Approve: 5/15/2025 2:55 PM
Rodriguez, Cesar Alberto NOG 5053	Delivered: 5/14/2025 3:30 PM		Approve: 5/15/2025 5:36 PM
Montoya, Luis NOG 5088	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 5:15 PM	Approve: 5/14/2025 5:15 PM
Molina, Jesus Alexis NOG	Delivered: 5/14/2025 3:30 PM	Read: 5/15/2025 11:16 AM	Approve: 5/15/2025 11:16 AM
Cooper, Jeff SOPT 6563	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 3:34 PM	Approve: 5/14/2025 3:34 PM
Arvizu, Marisol NOG 5017	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 3:36 PM	Approve: 5/15/2025 12:29 PM
Salas, Blanca LAM2 4020	Delivered: 5/14/2025 3:30 PM	Read: 5/16/2025 12:18 PM	Approve: 5/20/2025 4:54 PM
Guzman, Roberto OTY 4791	Delivered: 5/14/2025 3:30 PM	Read: 5/14/2025 3:32 PM	Approve: 5/14/2025 3:34 PM

Good afternoon, team!

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

DEV NUMBER:	ORIGIN	IATOR.		DATE:	PAIN	BIRD	BUSINESS UNIT	(SBU and PLANT	r) W/ PF	RIMARY DESIGN CONTR	RC SHEET:	
DEV25-0163		Roberto Guzn		14-May-25	1\\\alpha\ \\\		025		>>>		SHEET.	
DMR# (IF APPLICAE	BLE):		NEW 🗀	TRUE	DEVIATION FOR	RM (DRAWING)				2.10	1 OF 1	
Dillitar (iii Al i EloAt	DLL).		SION OF DEV#:	DEV25-0015	1	313-01 REV: R		DI ANTO AMPEDI	E IICED	1).		
TOP-LEVEL SKILD	/N/S) AN	ND MODEL NUMBER(S):	01 DE V#.	5272000		EXPIRATION DATE:	005 LAM	PLANTS (WHERE		_	041 NOG 🔽	
		4S, MUF-SPK4SX, UXB360SF	OVK HABSEU HABSEU	25	14-May-25	17-Aug-25	_		-	025 OTY 🔽	,	
			TK, 0AB300, 0AB3000	20	14-may-23	17-Aug-25	008 BUY	019 AZU		028 TUC [047 TUC	
PROJECT NAME OF	-						013E EEX 厂	020MX NMD		026 ELG 🗀	CHINA [
REASON FOR DEV										APPROVALS (ALL RI		
Conditionally approval of QAP1000 for P/N 180514, mold 45021 @ Nogales Molding Facility, accepting described conditions and the recomended deviated allowances: 1452" +.001"/002", CPK 0.60 PPK 0.60 proposing .452" +.002"/002", CPK 1.43 PPK 1.42 2466" +.002"/001", CPK 0.31 PPK 0.30 proposing .466" +.002"/003", CPK 2.30 PPK 2.17 3122" +.002"/000", CPK 0.24 PPK 0.24 proposing .122" +.002"/002", CPK 1.20 PPK 1.21 (The limit was not opened to meet CPK = 1.33 requirement because stackup would only allow this critical dimension to work to the proposed dimension) 4021" +/002" proposing .021" +.009"/002"									Indira Aragón / Ramiro Casas MANUFACTURING ENGINEER Claudia Anaya ENGINEERING MANAGER			
		appendage to be .005" h ave material available and ne			: Max +lash appendage	e to be .017" high X	.005" thick			Paul Dibene /	Xavier Vela	
		RECTIVE ACTION PLAN (NA								BUYER OR BUYER/PL	ANNED	
Risk assessmen		INCOTIVE ACTION FLAN (NA	IIILO & DATLOJI COMI	manut.								
Low: Flow rate.	distri	ibution pattern and lea	kage at closed nosi	tion were verif	ied in Arimex on Jan.	. 2025 (PCO 29463). [Distribution p	attern was ver	rified	Adriana Romero a	nd Amauri Ruiz	
in RB Nogales an	nd Arir	mex on May, 2025				, (,				PLANT MANAGER Jorge Bá	rquez	
		coverage (calculated by	6 weeks of running) Luis Mon	toya	01/07/2025				SBU PROD MGR OR S	BU ENG MGR	
		nal moldmaker for steel			per and Alexis Molina	97/08/2025				Paul Dailey		
		and steel analysis to	adjust components	Jeff Coo	•	07/15/2025				OTHER	,	
		mponents and dry run		Jeff Coo		08/29/2025				OTTLER		
5. Sample mold with supplier Jeff Cooper 09/09/2025 6. Transfer mold back to Nogales Jeff Cooper 09/13/2025 7. Complete validation in RB Nogales molding plant Marisol Arvizu 10/07/2025									César Rodríguez, Luis Montoya, Alexis Molina, Jeff Cooper and Marisol Arvizu			
DRAWING NUMBE	ER:	DRAWING REVISION:	DEVIATION REVISIO	N: DRAWING TI	LE/ PART DESCRIPTION:			VENDOR:	:	QUALITY DIRECTOR (REQUIRED FOR	
180514		D	D3	UMBRELLA 3	60, BUBBLER			RB NOGALE	ES	BACK-TO-BACK DEV		
	$\neg +$,					Blanca	Salas	
DESCRIPTION OF D)FVIATIO	ON (IS/WAS CONDITION AND	DRAWING ZONE FOR	FACH PART NO O	R ATTACH REDI INE PRINT	'S):				Sidirod (
F3 → IS: .	.452 +/-	6 +.002/003; WAS : DIA .466 .002; WAS DIA .452 +.001/- 2 +.002/001; WAS : DIA .122	.002			F3	2.361 (r)	(1) ALL AND	E3	(S. 60, 60) 1.20 (O) 1.20 (O)	11000	
E3 → IS: .	.021 +.0	09/002; WAS : .021 +/002				F3	LINES -	() an an				
Note 6 → IS: N	MAX FL	ASH APPENDAGE TO BE .01	7 HIGH; WAS: MAX FLA	ASH APPENDAGE T	O BE .005 HIGH	DC D7	2.30 /c/ 2.30 /c/ 2.00 /c/ 2.0	1991.000 T				
						Note 6	6. MAX FLA	SH APPENDAGE TO	BE .005 H	HIGH 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