
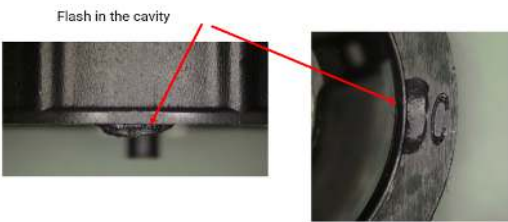
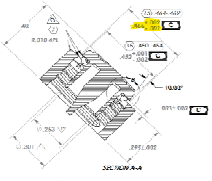
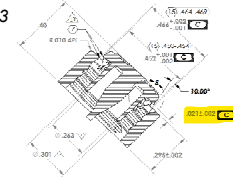
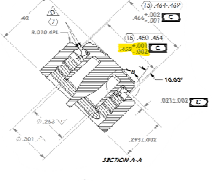
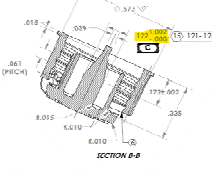


DEV NUMBER: DEV25-0163		ORIGINATOR: Roberto Guzmán		DATE: 14-May-25		RAIN BIRD		BUSINESS UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONT:		SHEET:	
								025 OTY >>> LND		1 OF 1	
DMR# (IF APPLICABLE):		DEVIATION NEW <input type="checkbox"/> TYPE: EXTENSION <input checked="" type="checkbox"/> OF DEV#: DEV25-0015				DEVIATION FORM (DRAWING)		AFFECTED MFG PLANTS (WHERE USED):			
						FORM#233813-01 REV: R					
TOP-LEVEL SKU P/N(S) AND MODEL NUMBER(S): MUF-SPK4S, MUF-SPK4SX, UXB360SPYK, UXB360, UXB360025						EFFECTIVITY DATE: 14-May-25		EXPIRATION DATE: 17-Aug-25		005 LAM <input type="checkbox"/> 013S STL <input type="checkbox"/> 025 OTY <input checked="" type="checkbox"/> 041 NOG <input checked="" type="checkbox"/> 008 BUY <input type="checkbox"/> 019 AZU <input type="checkbox"/> 028 TUC <input type="checkbox"/> 047 TUC <input type="checkbox"/> 013E EEX <input type="checkbox"/> 020MX NMD <input type="checkbox"/> 026 ELG <input type="checkbox"/> CHINA <input type="checkbox"/>	
PROJECT NAME OR NO. (OPTIONAL):											
REASON FOR DEVIATION: 1. .452" +.001"/-.002", CPK 0.60 PPK 0.60 proposing .452" +.002"/-.002", CPK 1.43 PPK 1.42 2. .466" +.002"/-.001", CPK 0.31 PPK 0.30 proposing .466" +.002"/-.003", CPK 2.30 PPK 2.17 3. .122" +.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) 4. .021" +/- .002" proposing .021" +.009"/-.002" 5. Note 6: Max flash appendage to be .005" high X .005" thick proposing Note 6: Max flash appendage to be .017" high X .005" thick Be aware that we don't have material available and need to build units to cover backlogged order.										APPROVALS (ALL REQUIRED): QUALITY MGR. OR QUALITY ENG. Indira Aragón / Ramiro Casas MANUFACTURING ENGINEER Claudia Anaya ENGINEERING MANAGER Paul Dibene / Xavier Vela BUYER OR BUYER/PLANNER Adriana Romero and Amauri Ruiz PLANT MANAGER Jorge Bórquez SBU PROD MGR OR SBU ENG MGR Paul Dailey OTHER César Rodríguez, Luis Montoya, Alexis Molina, Jeff Cooper and Marisol Arvizu	
RISK ASSESSMENT/ CORRECTIVE ACTION PLAN (NAMES & DATES)/ COMMITMENT: Risk assessment: Low: Flow rate, distribution pattern and leakage at closed position were verified in Arimex on Jan, 2025 (PCO 29463). Distribution pattern was verified in RB Nogales and Arimex on May, 2025 Corrective action plan: 1. Build 20 weeks of coverage (calculated by 6 weeks of running) Luis Montoya 01/07/2025 2. Send mold to external moldmaker for steel adjustment Jeff Cooper and Alexis Molina 07/08/2025 3. Perform assessment and steel analysis to adjust components Jeff Cooper 07/15/2025 4. Fit on adjusted components and dry run Jeff Cooper 08/29/2025 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											
DRAWING NUMBER:		DRAWING REVISION:		DEVIATION REVISION:		DRAWING TITLE/ PART DESCRIPTION:		VENDOR:		QUALITY DIRECTOR (REQUIRED FOR BACK-TO-BACK DEVIATIONS)	
180514		D		D3		UMBRELLA 360, BUBBLER		RB NOGALES		Blanca Salas	
DESCRIPTION OF DEVIATION (IS/WAS CONDITION AND DRAWING ZONE FOR EACH PART NO. OR ATTACH REDLINE PRINTS): F3 → IS: DIA .466 +.002/-.003; WAS: DIA .466 +.002/- .001 F3 → IS: .452 +/- .002; WAS DIA .452 +.001/- .002 D7 → IS: DIA .122 +.002/- .001; WAS: DIA .122 +.002/- .000 E3 → IS: .021 +.009/- .002; WAS: .021 +/- .002 Note 6 → IS: MAX FLASH APPENDAGE TO BE .017 HIGH; WAS: MAX FLASH APPENDAGE TO BE .005 HIGH											
<div><div></div><div></div></div>											
<div><div></div><div></div><div></div><div></div></div> <div>Note 6 6. MAX FLASH APPENDAGE TO BE .005 HIGH X .005 THICK.</div>											

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

Tracking:	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: DEV25-0163		ORIGINATOR: Roberto Guzmán		DATE: 14-May-25		<div>RAIN BIRD</div>		BUSINESS UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONTROL: 025 OTY > > > LND				SHEET: 1 OF 1					
DMR# (IF APPLICABLE):		DEVIATION NEW <input type="checkbox"/> TRUE TYPE: EXTENSION <input checked="" type="checkbox"/> OF DEV#: DEV25-0016				DEVIATION FORM (DRAWING) FORM#233813-01 REV: R		AFFECTED MFG PLANTS (WHERE USED):									
TOP-LEVEL SKU P/N(S) AND MODEL NUMBER(S): MUF-SPK4S, MUF-SPK4SX, UXB360SPYK, UXB360, UXB360025						EFFECTIVITY DATE: 14-May-25		EXPIRATION DATE: 17-Aug-25		005 LAM <input type="checkbox"/> 013S STL <input type="checkbox"/> 025 OTY <input checked="" type="checkbox"/> 041 NOG <input checked="" type="checkbox"/> 008 BUY <input type="checkbox"/> 019 AZU <input type="checkbox"/> 028 TUC <input type="checkbox"/> 047 TUC <input type="checkbox"/> 013E EEX <input type="checkbox"/> 020MX NMD <input type="checkbox"/> 026 ELG <input type="checkbox"/> CHINA <input type="checkbox"/>							
PROJECT NAME OR NO. (OPTIONAL):						REASON FOR DEVIATION: Conditionally approval of QAP1000 for P/N 180514, mold 45021 @ Nogales Molding Facility, accepting described conditions and the recommended deviated allowances: 1. .452" +.001"/-.002", CPK 0.60 PPK 0.60 proposing .452" +.002"/-.002", CPK 1.43 PPK 1.42 2. .466" +.002"/-.001", CPK 0.31 PPK 0.30 proposing .466" +.002"/-.003", CPK 2.30 PPK 2.17 3. .122" +.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) 4. .021" +/- .002" proposing .021" +.009"/-.002" 5. Note 6: Max flash appendage to be .005" high x .005" thick proposing Note 6: Max flash appendage to be .017" high x .005" thick Be aware that we don't have material available and need to build units to cover backlogged order.						APPROVALS (ALL REQUIRED): QUALITY MGR. OR QUALITY ENG. Indira Aragón / Ramiro Casas MANUFACTURING ENGINEER Claudia Anaya ENGINEERING MANAGER Paul Dibene / Xavier Vela BUYER OR BUYER/PLANNER Adriana Romero and Amauri Ruiz PLANT MANAGER Jorge Bórquez SBU PROD MGR OR SBU ENG MGR Paul Dailey OTHER César Rodríguez, Luis Montoya, Alexis Molina, Jeff Cooper and Marisol Arvizu					
RISK ASSESSMENT/ CORRECTIVE ACTION PLAN (NAMES & DATES)/ COMMITMENT: Risk assessment: Low: Flow rate, distribution pattern and leakage at closed position were verified in Arimex on Jan, 2025 (PCO 29463). Distribution pattern was verified in RB Nogales and Arimex on May, 2025 Corrective action plan: 1. Build 20 weeks of coverage (calculated by 6 weeks of running) Luis Montoya 01/07/2025 2. Send mold to external moldmaker for steel adjustment Jeff Cooper and Alexis Molina 07/08/2025 3. Perform assessment and steel analysis to adjust components Jeff Cooper 07/15/2025 4. Fit on adjusted components and dry run Jeff Cooper 08/29/2025 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						QUALITY DIRECTOR (REQUIRED FOR BACK-TO-BACK DEVIATIONS) Blanca Salas											
DRAWING NUMBER: 180514		DRAWING REVISION: D		DEVIATION REVISION: D3		DRAWING TITLE/ PART DESCRIPTION: UMBRELLA 360, BUBBLER				VENDOR: RB NOGALES							
DESCRIPTION OF DEVIATION (IS/WAS CONDITION AND DRAWING ZONE FOR EACH PART NO. OR ATTACH REDLINE PRINTS): F3 → IS: DIA .466 +.002/-.003; WAS: DIA .466 +.002/-.001 F3 → IS: .452 +/- .002; WAS DIA .452 +.001/- .002 D7 → IS: DIA .122 +.002/-.001; WAS: DIA .122 +.002/-.000 E3 → IS: .021 +.009/- .002; WAS: .021 +/- .002 Note 6 → IS: MAX FLASH APPENDAGE TO BE .017 HIGH; WAS: MAX FLASH APPENDAGE TO BE .005 HIGH																	

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
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+1 (626) 4283010, X 4791

Ensamblés Hyson

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