



DEV NUMBER: DEV25-0220		ORIGINATOR: Roberto Guzmán Vega		DATE: 10-Jul-25		RAIN BIRD		BUSINESS UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONTR				SHEET:	
						DEVIATION FORM (DRAWING)		025 OTY >>> LND		1 OF 1			
DMR# (IF APPLICABLE):		DEVIATION NEW <input checked="" type="checkbox"/>				FORM#233813-01 REV: R		AFFECTED MFG PLANTS (WHERE USED):					
		TYPE: EXTENSION <input type="checkbox"/> OF DEV#:											
TOP-LEVEL SKU P/N(S) AND MODEL NUMBER(S): PCT05, PCT07, PCT10						EFFECTIVITY DATE: 11-Jul-25		EXPIRATION DATE: 11-Oct-25		005 LAM <input type="checkbox"/> 013S STL <input type="checkbox"/> 025 OTY <input checked="" type="checkbox"/> 041 NOG <input type="checkbox"/>			
										008 BUY <input type="checkbox"/> 019 AZU <input type="checkbox"/> 028 TUC <input type="checkbox"/> 047 TUC <input type="checkbox"/>			
PROJECT NAME OR NO. (OPTIONAL): Pressure Regulators										013E EEX <input type="checkbox"/> 020MX NMD <input type="checkbox"/> 026 ELG <input type="checkbox"/> CHINA <input type="checkbox"/>			
REASON FOR DEVIATION: Decrease acceptable minimum pull force from 70 lb to 45 lb in all products that use P/Ns 17910505, 17910507 and 17910510 Current assemblies withstand forces between 45 and 243 lb. Causes of high pull force variation are being addressed. Meantime, production must keep on going to avoid backlog orders.										APPROVALS (ALL REQUIRED):			
										QUALITY MGR. OR QUALITY ENG.			
										Arturo Ramos			
										MANUFACTURING ENGINEER			
										Guillermo Acosta			
										PROD. ENG. MGR. OR PLANT ENG. MGR			
										Paul Dibene / Xavier Vela			
										BUYER OR BUYER/PLANNER			
										Adriana Romero / Sergio Herrera			
DRAWING NUMBER:		DRAWING REVISION:		DEVIATION REVISION:		DRAWING TITLE/ PART DESCRIPTION:				VENDOR:		PLANT MANAGER	
179105		E		E1		EMITTER ASSY, PC MOD, NPTW/DIFFUSER CAP				RB Arimex		Jorge Borquez	
												SBU PRODUCT MGR. OR SBU ENG. MGR	
												Paul Dailey	
												OTHER:	
DESCRIPTION OF DEVIATION (IS/WAS CONDITION AND DRAWING ZONE FOR EACH PART NO. OR ATTACH REDLINE PRINTS):										QUALITY DIRECTOR (REQUIRED FOR BACK-TO-BACK DEVIATIONS)			
<div><div>IS: NOTES: (UNLESS OTHERWISE SPECIFIED): 1. DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING BOM. 2. PULL TEST PASS MINIMUM 45 1b 70LBS. C 3. PRESS FIT ITEM #3 INTO ITEM #1 AS SHOWN. 4. SECOND SOURCE FOR ITEM 3; P/N 172872-01, -02 AND -03 (FLOW WASHER, PC MODULE). A 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348. D</div><div>WAS: NOTES: (UNLESS OTHERWISE SPECIFIED): 1. DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING BOM. 2. PULL TEST PASS MINIMUM 70LBS. C 3. PRESS FIT ITEM #3 INTO ITEM #1 AS SHOWN. 4. SECOND SOURCE FOR ITEM 3; P/N 172872-01, -02 AND -03 (FLOW WASHER, PC MODULE). A 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348. D</div></div> <div><div></div><div></div></div>													



Guzman, Roberto OTY 4791

From: Guzman, Roberto OTY 4791
Sent: Thursday, July 10, 2025 5:15 PM
To: Ramos, Arturo OTY2 4313; Acosta, Guillermo OTY 4319; Dibene, Paul OTY2 4687; Vela, Xavier OTY 4377; Romero, Adriana OTY 4351; Herrera, Sergio OTY 4392; Borquez, Jorge OTY 4398; Dailey, Paul SOPT
Subject: DEV25-0220_DecreasePullForce_Ladies
Attachments: DEV25-0220_DecreasePullForce_Ladies.xlsx

Tracking:	Recipient	Delivery	Read	Response
	Ramos, Arturo OTY2 4313	Delivered: 7/10/2025 5:15 PM		Approve: 7/11/2025 7:00 AM
	Acosta, Guillermo OTY 4319	Delivered: 7/10/2025 5:15 PM		Approve: 7/11/2025 7:20 AM
	Dibene, Paul OTY2 4687	Delivered: 7/10/2025 5:15 PM		
	Vela, Xavier OTY 4377	Delivered: 7/10/2025 5:15 PM	Read: 7/10/2025 5:22 PM	Approve: 7/10/2025 5:22 PM
	Romero, Adriana OTY 4351	Delivered: 7/10/2025 5:15 PM		
	Herrera, Sergio OTY 4392	Delivered: 7/10/2025 5:15 PM	Read: 7/11/2025 7:43 AM	Approve: 7/11/2025 6:54 AM
	Borquez, Jorge OTY 4398	Delivered: 7/10/2025 5:15 PM		Approve: 7/10/2025 5:35 PM
	Dailey, Paul SOPT	Delivered: 7/10/2025 5:15 PM		Approve: 7/11/2025 7:46 AM

Good afternoon, team!

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

DEV NUMBER: DEV25-0220	ORIGINATOR: Roberto Guzmán Vega	DATE: 10-Jul-25	RAIN BIRD		BUSINESS UNIT (SBU and PLANT) W/ PRIMARY DESIGN CONTROL 025 OTY > > > LND		SHEET: 1 OF 1
DMR# (IF APPLICABLE):		DEVIATION NEW <input checked="" type="checkbox"/> FALSE TYPE: EXTENSION <input type="checkbox"/> OF DEV#:		DEVIATION FORM (DRAWING) FORM#233813-01 REV: R		AFFECTED MFG PLANTS (WHERE USED):	
TOP-LEVEL SKU P/N(S) AND MODEL NUMBER(S): PCT05, PCT07, PCT10		EFFECTIVITY DATE: 11-Jul-25	EXPIRATION DATE: 11-Oct-25	005 LAM <input type="checkbox"/> 013S STL <input type="checkbox"/> 025 OTY <input checked="" type="checkbox"/> 041 NOG <input 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): Pressure Regulators							
REASON FOR DEVIATION: Decrease acceptable minimum pull force from 70 lb to 45 lb in all products that use P/Ns 17910505, 17910507 and 17910510 Current assemblies withstand forces between 45 and 243 lb. Causes of high pull force variation are being addressed. Meantime, production must keep on going to avoid backlog orders.						APPROVALS (ALL REQUIRED):	
RISK ASSESSMENT/ CORRECTIVE ACTION PLAN (NAMES & DATES)/ COMMITMENT: Low: A sample of one AQL is being tested in water tank in addition to pull force test. Assemblies must withstand 100 psi during water test, keeping COVER and BASE together. Evaluate feasibility of replacing current pull force test with functional test / Roberto Guzmán / 08-31-2025 Review pull force test to reduce variation due to measurment system / Arturo Ramos / 08-31-2025 Review ultrasonic weld process to reduce variation / Guillermo Acosta / 08-31-2025						QUALITY MGR. OR QUALITY ENG. Arturo Ramos	
						MANUFACTURING ENGINEER Guillermo Acosta	
						PROD. ENG. MGR. OR PLANT ENG. MGR. Paul Dibene / Xavier Vela	
						BUYER OR BUYER/PLANNER Adriana Romero / Sergio Herrera	
						PLANT MANAGER Jorge Borquez	
DRAWING NUMBER: 179105	DRAWING REVISION: E	DEVIATION REVISION: E1	DRAWING TITLE/ PART DESCRIPTION: EMITTER ASSY, PC MOD, NPTW/DIFFUSER CAP		VENDOR: RB Arimex	SBU PRODUCT MGR. OR SBU ENG. MGR. Paul Dailey	
DESCRIPTION OF DEVIATION (IS/WAS CONDITION AND DRAWING ZONE FOR EACH PART NO. OR ATTACH REDLINE PRINTS):						OTHER:	
						QUALITY DIRECTOR (REQUIRED FOR BACK-TO-BACK DEVIATIONS)	
<div>IS:</div> <div>NOTES: (UNLESS OTHERWISE SPECIFIED): 1. DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING BOM. 2. PULL TEST PASS MINIMUM 70LBS. ^{45 lb} C 3. PRESS FIT ITEM #3 INTO ITEM #1 AS SHOWN. ④ SECOND SOURCE FOR ITEM 3; P/N 172872-01, -02 AND -03 (FLOW WASHER, PC MODULE). C 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348. D</div> <div></div>						<div>WAS:</div> <div>NOTES: (UNLESS OTHERWISE SPECIFIED): 1. DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING BOM. 2. PULL TEST PASS MINIMUM 70LBS. C 3. PRESS FIT ITEM #3 INTO ITEM #1 AS SHOWN. ④ SECOND SOURCE FOR ITEM 3; P/N 172872-01, -02 AND -03 (FLOW WASHER, PC MODULE). C 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348. D</div> <div></div>	

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

Ensamble Hyson

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