DEV NUMBER:	ORIGINATOR:	DA ⁻	ΓE:	RAIN	l BIRD	BUSINESS UNIT	(SBU and PLANT) W/	PRIMARY DESIGN CONTR SHEET:				
DEV25-0220	Roberto Guzmá	in Vega	10-Jul-25			025 (>>	> LND	1 OF 1			
DMR# (IF APPLICAE	BLE): DEVIATION	NEW 🗸		DEVIATION FO	ORM (DRAWING)							
		NSION OF DEV#:			3813-01 REV: R	AFFECTED MFG	PLANTS (WHERE US	<u></u> <u>BED):</u>				
TOP-LEVEL SKU P/	N(S) AND MODEL NUMBER(S	S):		EFFECTIVITY DATE:	EXPIRATION DATE:	005 LAM 🔲	013S STL	025 OTY 🗹	041 NOG 🔲			
PCT05, PCT07, PCT10			11-Jul-25	11-Oct-25	008 BUY 🔲	019 AZU 🔲	028 TUC 🔲	047 TUC 🔲				
PROJECT NAME OF	,		Pressure	Regulators		013E EEX 🔲	020MX NMD	026 ELG 🗖	CHINA 🗆			
REASON FOR DEVI	ATION:							APPROVALS (ALL I				
Decrease acceptable minimum pull force from 70 lb to 45 lb in all products that use P/Ns 17910505, 17910507 and 17910510									QUALITY ENG.			
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.									Ramos			
					leantime, production must k	eep on going to av	old backlog orders.	MANUFACTURING	ENGINEER			
	CORRECTIVE ACTION PL							Guillerr	Guillermo Acosta			
Low: A sample of one	AQL is being tested in water	tank in addition to pull force	e test. Assemb	lies must withstand 100 ps	si during water test, keeping	COVER and BAS	E together.	PROD. ENG. MGR. OR PLANT ENG. M				
Evaluate feasibility of	replacing current pull force tes	st with functional test / Rob	erto Guzmán /	08-31-2025				Paul Dibene / Xavier Vela				
	to reduce variation due to me	•		2025				BUYER OR BUYER	/PLANNER			
Review ultrasonic we	d process to reduce variation /	Guillermo Acosta / 08-31	-2025					Adriana Romer	ro / Sergio Herrera			
DRAWING NUMBE	R: DRAWING REVISION:	DEVIATION REVISION	DRAWING TI	TLE/ PART DESCRIPTION	N·	1	VENDOR:	PLANT MANAGER				
179105	E	E1	DIVAWING II		DD, NPTW/DIFFUSER CAP		RB Arimex	Jorge Borquez				
179103		<u> </u>		LIVITTEIX AGG 1, 1 C IVIO	DD, NI TWYDII T OOLIY CAI		ND Allillex		GR. OR SBU ENG. MGF			
									Paul Dailey			
								OTHER:	Dalley			
								- OTTLETC.				
DESCRIPTION OF D	EVIATION (IS/WAS CONDITI	ION AND DRAWING ZON	E FOR EACH F	PART NO. OR ATTACH RE	EDLINE PRINTS):				R (REQUIRED FOR			
								BACK-TO-BACK DE	EVIATIONS)			
<u>IS</u> :					WAS:							
	OTHERWISE SPECIFIED):				NOTES: (UNLESS OTHERWISE	SPECIFIED]:						
1. DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING BOM. 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. 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). 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348 5. INSPECT PRESSURE COMPENSTION FLOW ACCORDING TO QUALITY CONTROL SPECIFICATION 171348								/\				
5. INSPEC	FPRESSURE COMPENSTION FLO	W ACCORDING TO QUALITY	CONTROL SPEC	CIFICATION 171348, D	INSPECT PRESSURI	E COMPENSTION FL	OW ACCORDING TO Q	UALITY CONTROL SPECIF	FICATION 171348, D			
		عمم	See				L	2000				
			The state of					Al market				
								NA BRANCH				
							4	A I	b			

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_LadiesAttachments: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:	ORIGINATOR:		DATE:	RAIN	BIRD	BUSINESS UNIT (SBU and PLAN	NT) W/ P	RIMARY DESIGN CO	NTRC SHEET:		
DEV25-0220	Roberto Guzr	mán Vega	10-Jul-25			025 0	OTY	>>>	LND] 1 OF	4	
DMR# (IF APPLICAB	.E): DEVIATION	NEW 🔽	FALSE	DEVIATION FO	RM (DRAWING)					- T OF	1	
	TYPE: EXT	ENSION TO OF DEV#:		FORM#2338	313-01 REV: R	AFFECTED MFG	PLANTS (WHE	RE USE	<u>D):</u>			
TOP-LEVEL SKU P/N	(S) AND MODEL NUMBER			EFFECTIVITY DATE:	EXPIRATION DATE:	005 LAM	013S STI	L	025 OTY 🔽	041 NOG 🗀		
PCT05, PCT07, PCT10				11-Jul-25	11-0ct-25	008 BUY 🗀	019 AZI		028 TUC 厂	047 TUC		
PROJECT NAME OR			Pressure	Regulators		013E EEX 🗀	020MX NME		026 ELG 🗀	CHINA 🗌		
REASON FOR DEVIA						APPROVALS (ALL						
Decrease acceptable minimum pull force from 70 lb to 45 lb in all products that use P/Ns 17910505, 17910507 and 17					17910510				QUALITY MGR. OR			
Current assemblies withstand forces between 45 and 243 lb. Causes of high pull force variation are being addressed.					sed. Meantime, production	n must keep on go	oing to avoid ba	acklog		Ramos		
orders.									MANUFACTURING I			
	CORRECTIVE ACTION PI					Guillermo Acosta						
Low: A sample of or	ne AQL is being tested in v	water tank in addition to	pull force test. As	semblies must withstand	100 psi during water test	, keeping COVER	and BASE toge	ether.	PROD. ENG. MGR. OR PLANT ENG. MGR.			
	f replacing current pull for								Paul Dibene	/ Xavier Vela		
	st to reduce variation due	_		8-31-2025					BUYER OR BUYER/PLANNER			
keview ultrasonic w	eld process to reduce var	riation / Guillermo Acost	a / 08-31-2025						Adriana Romer	o / Sergio Herrera	ì	
DRAWING NUMBE	R: DRAWING REVISION	N: DEVIATION REVISION	ON: DRAWING TO	LE/ PART DESCRIPTION:			VENDO	R:	PLANT MANAGER			
179105	E	E1		EMITTER ASSY, PC MOI	D, NPTW/DIFFUSER CAP		RB Arim	RB Arimex Jorge		Borquez		
									SBU PRODUCT MG	R. OR SBU ENG. N	MGR.	
									Paul	Dailey		
									OTHER:			
DESCRIPTION OF DE	VIATION (IS/WAS CONDIT	ION AND DRAWING ZO	NE FOR EACH PAR	RT NO. OR ATTACH REDL	INE PRINTS):				QUALITY DIRECTOR		₹	
									BACK-TO-BACK DE	EVIATIONS)		
<u>IS</u> :				<u> </u>	VAS:							
	OTHERWISE SPECIFIED):	OP PEFERENCE ONLY SE	PEOPLESOFT FOR C	ONTROLLING ROM	NOTES: (UNLESS OTHERWISE		OR REFERENCE	ONLY SE		INTROLLING BOM		
DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING PULL TEST PASS MINIMUM 70-65. REFERENCE ONLY. SEE PEOPLESOFT FOR CONTROLLING TO SEE PEOPLESOFT FOR CONTROLLING SEE PEOPLESOFT FOR CONTROLLING AND THE PEOPLESOFT FOR CONTROLLING TO SEE PEOPLESOFT FOR CONT					DRAWING BILL OF MATERIAL (BOM) FOR REFERENCE ONLY. SE PULL TEST PASS MINIMUM 70LBS.					E I E O I E E O I I O I O I I I O I I I O I I I I		
					3. PRESS FIT ITEM #3 INTO ITEM #1 AS SHOWN.							
(4.) SECONI	SOURCE FOR ITEM 3; P/N 17	2872-01, -02 AND -03 (FLC	W WASHER, PC MOI	DULE). 🛆 🔥	(4.) SECOND SOURCE	E FOR ITEM 3; P/N 17	2872-01, -02 AN	D -03 (FL	OW WASHER, PC MODI	JLE). 🛆	,	
	PRESSURE COMPENSTION FLO								ALITY CONTROL SPECIF	/.	$D \setminus$	
									~~~			
								8				
		1/0	V.BID				8		N.BID			
		81 (27)		B			#	(2)		6		
			(110	.,			''	, ,,,,,	/ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	•		
l												

### 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