

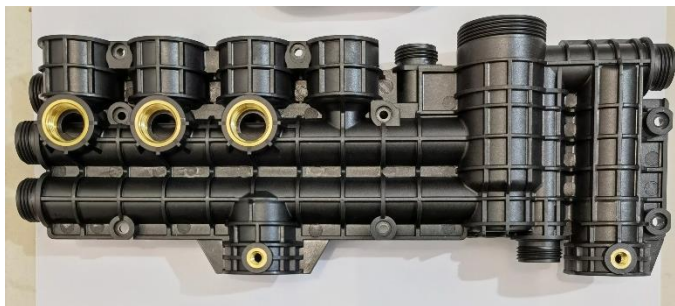
Visit Report

To : PEJI
 Cc : FNM, CAAG, GUOS, LINR, ZHLE, XUEA, LIAW,
 FUJT, GUOC, ZHAI, YAVY
 From : XIOX

Date of visit: 18 Jul. 2023
 Date of report: 24 Jul. 2023

Purity

Participants : Purity : Mr. Wuguozhong (*R&D director*)
 R&D, tooling and processing engineers, total 17
 EMS : J. Peng, B. Xiong
 OEM : Purity
 Sales responsible : Jimmy Peng
 Distributor : No
 Location : Xiamen, Fujian
 Application : Shelf shower waterway
 Segment Code : 410
 Project number : Old
 Material : Grivory HT1V-4 FWA, GVN-5H(for trial)
 USP : Balance of strength and toughness
 Potential : 10 t/a
 SOP : 01. 2024



1. Target of visit

- 1) Grivory HT processing training
- 2) Technical discussion for anti-freezing solution

2. Summary

- Grivory HT processing training for 17 engineers (processing, tooling and R&D).
- Shelf shower waterway: R&D project, GVN-5H passed -5°C/3bar@12hrs anti-freezing test, target -20°C. Purity added ribs in weldline area to improve the strength, obtain anti-freezing test result by 10th Aug.
- Suggesting adding pressure relief valve to improve anti-freezing performance, Purity will consider it for further improvement.

3. Details

- Purity has some problems on HT processing, HT cartridge cracked before using and it was hard to be found before shipment.

- Cracking issue of HT1V-5 FWA due to weldline area and poor gas venting design. Purity is collecting more detail of cracking issue for further improvement.

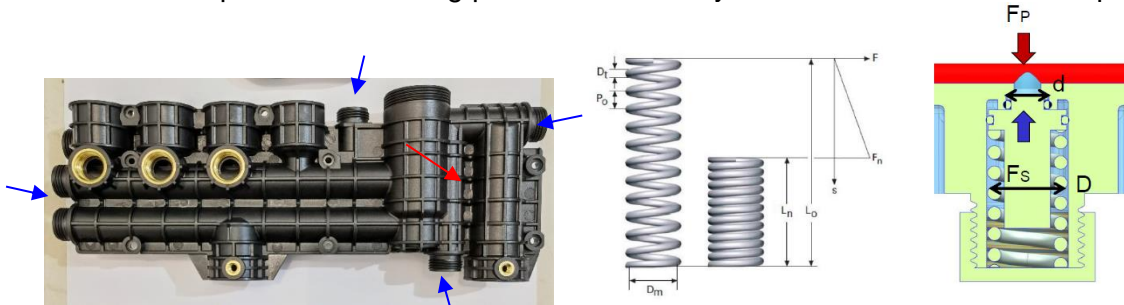


HT1V-5 FWA cartridge

- HT processing training for improving product quality, total of 17 engineers presented (processing, tooling and R&D).

Shelf Shower Waterway

- This is a R&D project, target to pass $-20^{\circ}\text{C}/3\text{bar}@12\text{hrs}$ anti-freezing test.
- Purity added ribs in weldline area (mark with red) to improve the strength, GVN-5H has passed $-5^{\circ}\text{C}/3\text{bar}@12\text{hrs}$ anti-freezing test, -10°C and -20°C anti-freezing tests is going on.
- Suggesting adding pressure relief valve (mark with blue) at 2 water inlets and 1 mixing channel to improve anti-freezing performance. Purity will consider it for further improvement.



Pressure relife valve reference

4. Actions

No.	Action	Resp.	Due date
1	Obtain anti-freezing test result	PEJI	10 Aug. 2023

Best regards,

Bandy Xiong