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August 22, 2013

Attention: Henrique Mazini
GF Piping Systems
Georg Fischer Sistemas de Tubulações Ltda.
Av. Nações Unidas, 21689
São Paulo-SP, 04795-100 BR

Dear Henrique:

RE: Certificate of Compliance
Georg Fischer Harvel[®] Corzan[®] CPVC Schedule 40 & 80 Pipe

This is to certify that Georg Fischer Harvel LLC Schedule 40 and Schedule 80 CPVC pipe is manufactured in the USA from a Type IV, Grade I, Chlorinated Polyvinyl Chloride (CPVC) material with a minimum Cell Classification of 23447 per ASTM D 1784 (CPVC 4120). This material, designated as Corzan[®] CPVC compound as provided by the Lubrizol Advanced Materials, Inc., is Listed by NSF International (NSF) and conforms to the requirements of NSF Standard 61, Drinking Water System Components Health Effects. This material is also a Listed FM4910 Material by FM Global, and carries a UL-94 rating of V-0, 5VB, 5VA.

This pipe is manufactured in strict compliance with ASTM F441, Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80. This pipe meets or exceeds the test methods and requirements of this standard with regard to materials, workmanship, applicable dimensions, sustained pressure, burst pressure, flattening resistance, extrusion quality, and product marking. This pipe is Listed by NSF International for potable water applications and conforms to the requirements of NSF Standard 61 and NSF Standard 14.

This letter further certifies that Georg Fischer Harvel Schedule 40 and Schedule 80 pipe is classified to surface burning characteristics having a flame spread rating <25 and a smoke development rating <50 per ULC S102.2-M88. The flame spread (FS) rating and the smoke development (SD) rating is printed on the pipe along with the mark of the Listing agency.

Sincerely yours,

William P. Weaver
Director, Technical Services