

July 16, 2020

**CERTIFICATION**

We hereby certify that samples of the material identified below by batch number, have been analyzed in accordance with test methods that meet and/or exceed the detection limits for fluoride, chloride, and sulfur per ASME Boiler and Pressure Vessel Code, Section V, Article 6, paragraph T-641, 1998-2019 Editions and Addenda, with the following results:

		<b>FLUORIDE</b> <b>ASTM E165</b> <b><u>ANNEX 4</u></b>	<b>CHLORIDE</b> <b>ASTM E165</b> <b><u>ANNEX 4</u></b>	<b>SULFUR</b> <b>ASTM E165</b> <b><u>ANNEX 4</u></b>
<b>DUBL-CHEK</b>	<b>GW1-MPF</b>	<b>&lt;0.0001%BW</b>	<b>&lt;0.0001%BW</b>	<b>&lt;0.0001%BW</b>
<b>BATCH NO.</b>	<b>012-C63</b>			

We further certify that this material meets or exceeds the requirements of ASTM E1444, MIL-I-6868E, DOD-F87935, ASTM E709, AMS 2641, and AMS 3045.

Copies of the certification and laboratory reports are on file in our office for your inspection.

**SHERWIN INCORPORATED**  
**Q.C. Laboratory**

Revision: August 2000

**CERTIFICATE OF CONFORMANCE**

Date: July 16, 2020

Product: GW1-MPF  
Batch No.: 012-G63

It is hereby certified that this material has been manufactured in accordance with, and conforms to ASTM E1444, MIL-STD-1949, and AMS 3044. Results of the required quality conformance tests are listed below.

<u>Test Description</u>	<u>Results</u>
Contamination, i.a.w AMS 3045	None
Concentration, i.a.w AMS 3045	0.24 ml
Sensitivity, i.a.w AMS 3045	Conforms
Particles:	
Particle color	Fluorescent yellow-green
Particle size, i.a.w AMS 3044, #325 sieve	>98% passing
Suspension Fluid:	
Flash Point, i.a.w ASTM D-93	>200°F

It is further certified that this material meets the requirements of ASME B&PV Code Section V and ASTM E709.

**SHERWIN INCORPORATED**  
Q.C. Laboratory

Revision: January 2000