



# TEST CERTIFICATE: APT-TC-200203

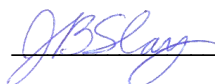
**Standard:** ISO 23936-2:2011 Annex B – Rapid Gas Decompression  
**Product:** Seals Eastern Compound: 7248  
**Status:** ISO 23936-2:2011 Annex B – Passed, ISO “Gas-Trap” fixture (Bespoke 100% N2)  
ISO 23936-2:2011 Annex B – Passed, ISO “Gas-Trap” fixture (90% N2 / 10% CO2)  
ISO 23936-2:2011 Annex B – Passed, Custom “Free-Flow” fixture (Bespoke 100% N2)  
ISO 23936-2:2011 Annex B – Passed, Custom “Free-Flow” fixture (90% N2 / 10% CO2)  
**Issued To:** Seals Eastern – 134 Pearl Street, Red Bank, NJ 07701  
March 24, 2020

**Qualification Statement:** The Seals Eastern compound 7248 in the form of -325 O-rings has Passed ISO 23936-2:2011 Annex B testing after completing pressure cycling and having no damage greater than a “3” score. Testing was performed with both the ISO standard “Gas-Trap” and the Alpine custom “Free-Flow” fixtures. Each fixture style was run with the ISO standard 90% N2 / 10% CO2 gas mix and a bespoke 100% N2 gas. All four test conditions resulted in no damage.

ISO 23936-2 Test Results				
<b>Compound</b>	7248	7248	7248	7248
<b>Elastomer Type</b>	FKM	FKM	FKM	FKM
<b>Specimen</b>	-325 O-ring	-325 O-ring	-325 O-ring	-325 O-ring
<b>Fixture Type</b>	ISO Gas-Trap	Custom Free-Flow	ISO Gas-Trap	Custom Free-Flow
<b>Gas Mix</b>	90% N2 / 10% CO2	90% N2 / 10% CO2	Bespoke 100% N2	Bespoke 100% N2
<b>O-ring</b>	<b>Score</b>	<b>Score</b>	<b>Score</b>	<b>Score</b>
1	00000000	00000000	00000000	00000000
2	00000000	00000000	00000000	00000000
3	00000000	00000000	00000000	00000000
4	00000000	00000000	00000000	00000000
<b>Result</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

Prepared By: 

Grant Reece  
Principal Technologist

Approved By: 

J. Buc Slay  
CTO



Alpine Polytech  
1325 Ranchers Legacy Trail, Fort Worth, TX 76126  
Accredited to: ISO/IEC 17025:2005, Field of Accreditation: Mechanical