

Inspection Certificate (accordance to EN 10204 Type-3.1)

Product: ZChek 9D Red

Non-Fluorescent Dry MPI

Batch No.: 220374

Mfg. Date: 03/22

We certify that the above product, when tested at the time of manufacturing meets the following requirements

- *ASME Boiler and Pressure Vessel Code 2010,2013,2017, 2019, 2021 Edition Section V, Nondestructive Examination including, Article 7, including 2005, 2006, 2008, 2009b and 2011a Addenda, paragraph T-731, paragraph T-765 and Article -25 as applicable.*
- *AMS-3040D*

Parameter	Test Method	Quality requirement	Batch Result
Contamination	AMS 3040D	No foreign material, scum, or agglomeration	Confirms
Sensitivity	AMS 3040D	6 Hole indication shown	6 Hole indication
Color	AMS 3040D	Red	Red
Particle size	AMS 3040D	< 2 % residue on 45µ mesh	1.7 % residue on 45µ mesh

- *ASTM E 1444/E 1444M-16, Paragraphs 5.8.1*
- *ASTM E 709-15, Paragraphs 8.3,8.3.1, 8.3.2, 8.3.3*



• **EN ISO 9934-2-2015**

Parameter	EN ISO 9934-2	Quality requirement	Batch Result
Performance	7.1	Indication on Reference block-1 Reference block-2	Pass Length-6cm
Colour	7.2	Red	Color identical
Particle size	7.3	d> 1.5µm -d< 40 µm	d _l (10%)=20.1µm=>9.50µm d _a = 18µm d _u (90%)=21 µm
Storage stability	7.13		5 years

Notes

1. Bulk material has a minimum shelf life of 5 years and Aerosol has minimum shelf life of 3 year.
2. EN ISO 9934-2 (7.15) specification require test results stated in ppm, but some require in percentage. To convert ppm to percentage, divide the ppm value by 10,000.

Signature
Manager Operations
Chaitra.M.N

