



Speciality Chemicals & Solutions

**Batch Certification**  
**Product: ZChek PT**  
**Petrant**

**Batch No.:** 1905018  
**Mfg. Date:** 05/19  
**Shelf life:** 5 years for product

We certify that the above product with the given batch number meets the following requirements

- *ASME Boiler and Pressure Vessel Code, 2010,2013,2017 Edition section V, Non destructive Examination including 2005,2006, 2008, 2009b and 2011a Addenda Article 6 paragraph T-640 and Article 24 as applicable.*
- *ASTM E-165-95.*
- *NUCLER POWER CORPORATION OF INDIA for materials for Dye Penetrant Inspection process.*

Parameter	Specification	Result
Sulfur content	Max 25ppm	<25ppm
Halogen content	Max 25ppm	<25ppm
Viscosity @40 deg.C	3-3.6cSt	3.6cSt
Drying Test	No degradation	Pass
Color Contrast Test	Compared with standard	Pass

- *ISO 3452-2-2013*

Parameter	Reference	Result
Appearance	6.1	Same as type test sample
Sensitivity Test	6.2	Same as standard product
Density	6.3	0.84g/cc @ 29.5 deg.C
Flash point	6.5	105 deg.C
Corrosive properties	6.11	No evidence of staining, pitting or any other corrosion.
Content of sulfur and halogens	6.12	<200 ppm

**Tested by**  
*Akshatha*

**Approved By**  
*Chaitra.M.N*

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