



**CHECKMATE**  
**SUPER**  
DYA PENETRANT TESTS MATERIALS

# CHECKMATE INDIA

(FORMERLY KNOWN AS : CHECKMATE CHEMICALS PVT. LTD.)

(An ISO 9001 : 2008 Certified Company)



AN ISO-9001-2008. CERTIFIED CO.

## IN HOUSE BATCH TESTS CERTIFICATE

**Certificate Date.** : 04/04/2019  
**Third Party Lab.** : Spectro analytical labs ltd.  
**Tests report No.** : N190330002/N190330002/3  
**Product Name and Code.** : CHECKMATE SUPER DEVELOPER DV-98  
 (Solvent Base Penetrant Cleaner)  
**Manufacturing Month.** : Lot. April.-2019 :Shelf Life-24 Months.  
**Batch No.** : CI-D $\mu$ -290

Its hereby certified that at the time of manufacturing the followings are the findings of above batch materials.

- Meets the requirements of and has been tested for sulfur and halogen contents according to ASME Boiler and PV Code. Sec.V. Article 6 Clause-640 Article 24 of 2015& 2017
- ASME Boiler and pressure Vessel Code. 1995, 1998 & 2001 Edition.Sec.V. Non Destructive Examination Including Edition 1999 to 2003 applicable code Article 6 and Paragraph T-640 And article 24 as applicable.
- ASTM E-265-92 ASTM E 165-94 ASTM E165-02
- ASTM E-1417 Paragraph 5.1
- ASME Boiler and Pressure Vessel Code. 1986, 1989, 1992 Sec.v NDT examination Article 6 including 1992 Addenda Paragraph T-625 1993 Addenda Paragraph T-640 and Article 24 as applicable.

Sulphur Contents. Less then 25 ppm.  
 Halides Contents. Less then 25 ppm.

(PROTOCOL:ASME BOILER AND PV. CODE SEC.V ARTICLE 6 CLAUSE 640 ARTICLE 24 OF 2015)

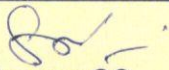
PERFORMANCE TESTS CARRIED OUT AS STATED BELOW to meet as per IS-12889- ASME SEC. V-165

- Penetrant Cleaning Properties \* Eishin Kagaku co Ltd-Japan-Ni-Cr.Panel No.836
- Depth 31.3 $\mu$  Width. 1.5 $\mu$  Clear Crack Indication using above batch material.
- Bursting Pressure 15 kg/cm<sup>2</sup> Deformation Pressure. 13 Kg./cm<sup>2</sup>

SAFETY.Refer MSDS- Wear Personal Safety Mask Gloves Etc.

Its hereby certified that our material does not contain mercury, asbestos or arsenic element.  
 We undertake to state that the propellant used by us is environment friendly and NON ODS. The CHECKMATE RANGE of DPT Products are absolutely ozone friendly and meets to the international regulations with regards to GREEN HOUSE. Note This certificate is issued based on the tests and results obtained in our lab as well in NABL approved lab. Please refer and follow the instructions with storage, handling, operation and transportation. This product is meant only for INDUSTRIAL USE ONLY AND ONLY BY TECHNICALLY QUALIFIED PERSONS Only.

FOR: CHECKMATE INDIA.

  
 Manager QC.



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