



प्रोजेक्ट्स एण्ड डेवलपमेंट इण्डिया लिमिटेड  
(भारत सरकार का उपक्रम) : मिनी रत्न - १ कम्पनी

**PROJECTS & DEVELOPMENT INDIA LIMITED**  
(A Government of India Undertaking) : A Mini Ratna - 1 Company

Ashish Chambers, 5th Floor, R.C. Marg, Chembur, Mumbai - 400 074  
Phone No. : 91-22-2553 4052 / 2553 4041  
E-mail : pdilmumbai@gmail.com  
CIN:- U74140UP1978GOI028629  
ISO 9001:2015 & OHSAS 18001: 2007 Certified  
ISO/IEC17020:2012 Accredited

**Certificate no.:4004008629/PBIS/24-25/5000083406,Dt.29.08.2025**

## Certificate Of Approval

*This is certify that M/s TCR Engineering Services,VKB House,EL-182,M.I.D.C-TTC, Mahape, Navi Mumbai, is approved after evaluation of its testing facilities at their laboratory on 28<sup>th</sup> August 2025 for carrying out following tests.*

1. *Physical test using universal testing machine ( Tensile, Tensile test at elevated Temperature, Flattening, Bending, Flaring, Flanging ,Surface roughness testing.*
2. *Impact Test , Drop wet test*
3. *Metallurgical Test ( Macro, Micro, IGC etc. )*
4. *Chemical Analysis ( Wet, Spectroscopy Method, ICP,OES,XRF,AAS, PMI, LECO, Electrolytic Analysis.*
5. *Hardness Test, Micro Hardness, Hardenability Test*
6. *corrosion test ( HIC, SSC, SCC, NACE Tests )*
7. *Welding Test*
8. *Stress Rupture test*
9. *Fatigue & CTOD(Crack tip opening displacement),FTT(K1c,J1c,FCGR)*
10. *Non-Destructive test( MPT,LPT,UT,RT)*

*Proper maintenance and valid calibration of all testing machines are to be carried out periodically to ensure proper accuracy.*

*This approval expires on 13.06.2026*

*Assessed by*

**Rajeev Kumar**

**Chief Engineer (Insp.)**



*Approved By*

**T.Venkanna**

**Dy. General Manager (Insp.)**

**Regd Office : PDIL Bhawan, A-14, Sector -1, Distt.: Gautam Budh Nagar. Noida - 201301**

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