



## न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

**Nuclear Power Corporation of India Limited**

(A Govt. of India Enterprise)

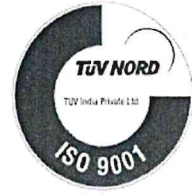
गुणवत्ता आश्वासन निदेशालय

**Directorate of Quality Assurance**

नाभिकीय ऊर्जा भवन, अणुशक्तिनगर, मुंबई - 400 094

Nabhikiya Urja Bhavan, Anushakti Nagar, Mumbai - 400 094

(CIN U4010MH1987GOI149458)



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No. NPCIL/QAD/HQ/2021/ M/ 137

Dated: 15/11/2021

To:

M/s MICROLAB,  
45/A, SIPCOT Industrial Area, Phase IV,  
Hosur-635126  
Email: [hosur@microlabchennai.com](mailto:hosur@microlabchennai.com)  
Phone: 04344-277800/9840555250,

**Sub:** Acceptance of facilities of M/s Microlab, Hosur.

**Ref:** Your Letter dated. 27.1.2021 for the Subject matter

This is with respect to your letter dated 27.1.2021 for acceptance of testing facilities of Microlab, Hosur for testing of materials for NPCIL. The following facilities of Microlab, Hosur, are acceptable to NPCIL for tests / examination as detailed below:

Sl. No.	Test Facilities
1	Spectro Chemical Testing for Ferrous (Carbon and Alloy steel, Stainless steel, Tool steels and cast iron) and Non Ferrous(Aluminum, Copper, Nickel, Zinc and their alloys).
2	Salt Spray test, Coating thickness by Micro section method, Microstructure and Grain size, Inclusion Rating, Decarburizing depth, Case depth.
3	Macro Examination of Steel and Aluminum.
4	Hardness (Rockwell, Brinell, Vickers, & Micro Vickers).
5	Bend test, Flattening Test, Flaring Test and Proof load Test.
6	Tensile Test at Room temp and Elevated Temp up to 650 °C (when calibration of the testing machine {which is valid on the testing date} is performed under NPCIL witness).
7	Impact test at Room and Subzero up to minus (-) 196 °C (when calibration of the testing machine {which is valid on the testing date} is performed under NPCIL witness).

The above acceptance will be valid subject to availability of

- a. Valid NABL accreditation of Lab
- b. Valid Calibration of above listed facilities

It may please be noted that this acceptance can be withdrawn by NPCIL in cases of abnormal observations including the ones with respect to above testing facilities and the personnel performing testing/examinations.

Yours sincerely,

  
15.11.2021  
(राकेश कुमार गुप्ता Rakesh Kumar Gupta)