



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Chennai Airport Project, Chennai -16

AAI/CAP/GME(C)/2022/1136

Dated: 03.08.2022

09

Sub : Empanelment of Material testing laboratories in Airports Authority of India

1. "MICROLAB" is included in the approved list of material testing laboratories along with following facilities available/recommended as given below:

Name & address of lab with phone, Fax, e-mail, Website	MICROLAB, SP-101, 2 nd Main Road, Ambattur Industrial Estate, Chennia-600058, Tamilnadu, India. Mobile no. : 7550055199, 9840115579 Email: cre@microlabchennai.com, onsite@microlabchennai.com, civil@microlabchennai.com Web: www.microlabtesting.com
Details of registration/accreditation, if any, with BIS, NABL, Govt./Semi Govt./public Sector undertaking (Central/state) agencies	Accreditation Standard ISO/IEC 17025:2017, NABL Accreditation certificate NO:TC 6815 Valid upto-20.12.2023
Discipline/Group	Material / Test
Mechanical – Building Materials	Aggregates - Coarse & Fine Bricks Cement (Ordinary Portland Cement / Portland Pozzolana Cement / Sulphate Resisting Portland Cement / Portland Slag Cement) Hardened Concrete - Concrete cube, Concrete core, concrete Beam and Concrete cylinder.
Chemical – Building Materials	Cement (Ordinary Portland Cement / Portland Pozzolana Cement / Portland Slag Cement) Silica Sand Zircon Sand
Chemical - Water	Construction Water Drinking Water
Non-destructive - Building Materials - Reinforced Concrete Structures	Half-cell Potential Test Rebound Hammer Ultrasonic Pulse Velocity Test

P. S. Srinivasan
Dy. General Manager (Engg.-Civil)
Chennai Airport Project



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Chennai Airport Project, Chennai -16

Mechanical - Mechanical Properties of Metals	Ferrous & Non-Ferrous Materials, Steel, Low Alloy Steel /Stainless steel Pipe & Tubular Products, Aluminium Welded Samples, Aluminum & Magnesium Alloy sample, Copper -Alloy Pipe & Tubular products, Enamel Paints (Finishing / Under Coating), Ferrous & Alloys Weld Joints, Ferrous & Non-Ferrous Overlay welding, Ferrous & Non-Ferrous Weld Joints, Ferrous & Non-Ferrous Welded sample, Ferrous and Non-Ferrous samples, Ferrous material & Products, Ferrous material Sheets & Products, Ferrous Materials & Alloys, Ferrous Materials & Alloys Fasteners (External & Internal Threaded), Ferrous materials alloy & product, Ferrous weld joints, Ferrous & Non-Ferrous welded Sample, Non-Ferrous Materials & Alloys, Non-Ferrous materials alloys & products, Non-Ferrous Materials & Alloys, Other Non-Ferrous metals alloys & Products.
Mechanical - Metallography	Aluminium and Alloys, Anodic Coating on Aluminium and its alloys, Austenitic & Duplex Stainless steel, Brazed Joints, Carbon & Carbon Alloy Steels, Case Hardened Steels, Case Hardened Steels & Nitrided Steel, Duplex Austenitic/Ferritic Stainless Steel, Duplex Stainless Steel, Ferrous Materials & Alloys, Gray Cast Iron and S G Iron Products, Metallic and Oxide Coating on Metals, Metals and Alloys, Non-Ferrous Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting Machined and Ground Parts, Non-Ferrous Weldments, Steel, Steel & Stainless Steel, Steel Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Casting, Machined and Ground Parts,
Chemical- Metals and Alloys	Aluminium & its alloys, Carbon Steel, Cast Iron / SG Iron, Cobalt & its alloys, Copper & Its Alloys, Lead & Lead Alloy, Nickel & its alloys, Nickel base, Plain Carbon & Low Alloy Steel, Stainless Steel, Steel & Stainless Steel,



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Chennai Airport Project, Chennai -16

	Tin & Tin Alloys, Titanium & Alloys, Titanium & Its Alloys, Titanium & Alloys, Titanium & its alloys (Metals & Alloys), Titanium & titanium alloys, Tool Steel, Zinc & Zinc alloys
Chemical- Metals & Alloys (Site Facility)	Aluminium & its alloys, Carbon Steel Stainless Steel Tool Steel, Cobalt & its alloys, Fe base (Carbon Steel / Stainless Steel / Tool Steel), Nickel & its alloys, Nickel base, Titanium & its alloys (Metals & Alloys)
Mechanical- Mechanical Properties Of metals (Site facility)	Enamel Paints (Finishing / Under Coating)
Mechanical- Mechanical Properties Of metals	Ferrous Materials & Alloys - Pull Out/Push Out Test
Chemical- Ores and Minerals	Lime Stone
Chemical- Hazardous & Restricted Chemicals	Metals (Ferrous Alloys, Aluminium Alloys, Copper Alloys, Tin base alloys, Zinc Alloys, Titanium alloys, Nickel alloys) Polymers (Nylon material, PVC material, ABS material, Delrin material, Polyethylene material, Polyester material, Polyteflon material, Rubber & Rubber products)
Chemical - Paints & Surface Coating	E 1 Paints (Finishing / Under Coating), Enamel Paints (Finishing / Under Coating), Paint and surface coating, Paint & Organic Coatings, Paint and surface coating, Paint and coatings, Paint and varnishes, Paint, Organic & ED Coatings Paints, Ready Mixed Paint Bituminous Brushing, Black Japan, Exterior, Petrol resisting, Stoving Ready Mixed Paints (Zinc Chrome Primer) Varnish
Chemical- Corrosion	Austenitic & Duplex Stainless Steel, Carbon Steel, Stainless Steels & Duplex Stainless Steels, Coated Products / Panels / Raw Materials, Copper / Nickel / Chromium Coating on Steel, Zinc Alloys, Aluminium Alloys & Plastics and on Aluminium Anodized Samples, Copper / Nickel / Chromium Coating on Steel, Zinc Alloys,



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Chennai Airport Project, Chennai -16

	Aluminium Alloys & Plastics and on Aluminium Anodized Samples, Copper Base Alloys, Corrosion tests, Duplex Stainless Steel, Ferritic Stainless Steel, Ferritic, Austenitic & Duplex Stainless Steel, Ferrous & Nonferrous Material (Inorganic & Organic Coatings), Inorganic & Organic coated product/ material, Inorganic & Organic Coating (Plated & Painted) Materials, Phosphate Coating on Ferrous Metals, Stainless Steel Wrought / Cast Products, Stainless Steels & Duplex Stainless Steels, Steel Pipes & Pressure Vessel Plates, Wrought Nickel Rich Chrome Bearing Alloys, Wrought Nickel Rich Chromium Bearing Alloys, Zinc Coating on Ferrous Metals,
Chemical- Plastic & Resins	Plastic and Plastic Products, Plastics and Polymers, Polymers, vulcanized rubbers, Rubber and Rubber Products,

2. The material testing laboratory is approved based on inspection reports/recommendations.
3. Presently, the NABL accreditation certificate of the laboratory is valid upto **20.12.2023**. The field unit must ensure before sending material/samples for testing, the laboratory is equipped to carry out the test as per specifications and validity of NABL accreditation certificate on the day of submission of test samples/conducting field tests.
4. Apart from the approved laboratories, Services of Govt. Laboratories, Govt.Engg.College, IITs, CRRI, National Council for cement & building materials etc. may be availed, wherever available.
5. The empanelment shall be valid in SR, AAI from date of issue of this letter to **20.12.2023**. However, in case any problem is faced by any Region/Station, the same may please be brought to the notice of AAI, Project Division, Chennai.

(A. S. Mahesha)
General Manager (Engg-Project)

AAI, Chennai Airport
ए. एस. महेश
महाप्रबंधक (इंजी - परियोजना)
भा.वि.प्रा. चेन्नई हवाई अड्डा, चेन्नई - 600016
A.A.I, Chennai Airport, Chennai - 600016