



unitech LABORATORIES SERVICES

NABL Accredited Laboratory in Chemical & Mechanical
Spectro Chemical, Mechanical, Metallurgical & PMI Testing of Various Metals

NABL ACCREDITED LABORATORY
AS PER ISO / IEC - 17025 (2005)
CERTIFICATE NO. TC - 7322

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CHEMICAL/MECHANICAL TEST REPORT : ULR-TC732219000054173F **F510-4**

Name Of The Customer :	KSQUARE ENERGY 331, Sahjanand Business Park, Sardar Patel Ring Road, Opp. Marigold Restaurant, Odhav, Ahmedabad-382415, Gujarat-India	Lab No. :	USNM-109-1219
Customer Reference No :	Letter dated 22.12.2019	Date of Reporting :	23.12.2019
Condition of Sample :	Test Piece (whole final product)	Date of Smp. Recd. :	22.12.2019
Material Specification :	Pure Solid Brass Copper Coated air terminal and copper bonded support base rod	Date of Testing :	23.12.2019
ID of Sample :	14 mm dia copper bonded & PVC support base / As Per IEC 62305 & 62561 For Rod		

Type of Test : Chemical Analysis

Test Method: BS EN 15079 (2015)

Elements	Observation
%COPPER	99.91



Type of Test : Metallographic test (Copper coating thickness measurement microscopic method)

Test Method :	ASTM B-487-85 (RA13)
Condition of Sample :	Cut Sample
Magnification :	100X
Etchant :	As Polished
Observation :	Copper coating thickness(Avg.): 77.0 Micron



Remarks: ---



Authorized Signature
[Signature]
Technical Manager
Unitech Laboratories Services

Note: (1) Sample(s) not drawn by ULS. The results relate only to the sample(s) tested.
(2) This certificate shall not be reproduced, except in full, without the written approval of ULS.
(3) If balance material is available after testing, it will be retained for 15 days maximum. If customer wants to retain it for one month from this date, he has to inform in writing or he can collect the same.
(4) While "ULS" has made their best endeavors to provide accurate and reliable information, ULS is not Responsible for any financial liability due to any act of omission or error made.
*not in NABL scope.