**CERTIFICATE No. : 123/NV/123**

**CALIBRATED ON : 20.08.2023**

**NEXT DUE DATE : 01.02-2025**

**PAGE NO. : 1**

**Certificate of Calibration**

**Customer : GEE AEROSPACE AND DEFENCE PRIVATE LIMITED**

Address : Plot No. 75 81, Phase III, IDA Pashmylaram, Hyderabad

**MACHINE DETAILS**

Make : Nikon Model : Altera S

Serial No. : AL/16 -01371/17 Size in mm : X : 1000 Y: 700 Z : 600

PROBE HEAD MAKE : Renishaw PH1DM SERIAL NO. : OF1754

PROBE : SP 25/SM25-2 SERIAL NO. : OFWP90/OHEA72

IDENTIFICATION CODE : Nikon

Serial No. : Nikon Size in mm : Nikon

ENVIRONMENT CONDITIONS DURIONG CALIBRATIONS

TEMPERATURE :

HUMIDITY :

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameter** | **Measured Size in mm** | **Tolerance in µm** | **OBSERVED SIZE** | | | **REPEATABILITY in microns** | **REMARK** |
|  |  |  | **Set 1** | **Set 2** | **Set 3** |  |  |
| **X Linear** | | | | | | | |
|  | **100.00000** | **2.05** | **99.91283** | **99.91860** | **99.91885** | **6.020000000006576** | **WITH IN LIMITS** |
|  | **200.00000** | **2.3** | **199.88745** | **199.8951** | **199.89525** | **7.800000000003138** | **WITH IN LIMITS** |
|  | **300.00000** | **2.55** | **299.90863** | **299.91793** | **299.92229** | **13.659999999958927** | **WITH IN LIMITS** |
|  | **400.00000** | **2.8** | **399.89502** | **399.89581** | **399.89692** | **1.9000000000346517** | **WITH IN LIMITS** |
|  | **500.00000** | **3.05** | **499.82165** | **499.84386** | **499.86232** | **40.67000000003418** | **WITH IN LIMITS** |
| **Y Linear** | | | | | | | |
|  | **100.00000** | **2.05** | **99.91283** | **99.91860** | **99.91885** | **6.020000000006576** | **WITH IN LIMITS** |
|  | **200.00000** | **2.3** | **199.88745** | **199.8951** | **199.89525** | **7.800000000003138** | **WITH IN LIMITS** |
|  | **300.00000** | **2.55** | **299.90863** | **299.91793** | **299.92229** | **13.659999999958927** | **WITH IN LIMITS** |
|  | **400.00000** | **2.8** | **399.89502** | **399.89581** | **399.89692** | **1.9000000000346517** | **WITH IN LIMITS** |
|  | **500.00000** | **3.05** | **499.82165** | **499.84386** | **499.86232** | **40.67000000003418** | **WITH IN LIMITS** |
| **Z Linear** | | | | | | | |
|  | **100.00000** | **2.05** | **99.91283** | **99.91860** | **99.91885** | **6.020000000006576** | **WITH IN LIMITS** |
|  | **200.00000** | **2.3** | **199.88745** | **199.8951** | **199.89525** | **7.800000000003138** | **WITH IN LIMITS** |
|  | **300.00000** | **2.55** | **299.90863** | **299.91793** | **299.92229** | **13.659999999958927** | **WITH IN LIMITS** |
|  | **400.00000** | **2.8** | **399.89502** | **399.89581** | **399.89692** | **1.9000000000346517** | **WITH IN LIMITS** |
|  | **500.00000** | **3.05** | **499.82165** | **499.84386** | **499.86232** | **40.67000000003418** | **WITH IN LIMITS** |
|  |  |  |  |  |  |  |  |