



METRO LOGY SCHOOL

*“We develop Talent for
the Industry of
Mexico”*

www.metrologyschool.com

www.foronacionaldemetrologia.com

MISSION

We are a Mexican company that transmits the culture of metrology and quality management to public and private organizations in the value chain of the automotive and aeronautical sector with a scheme of teaching and learning by competencies.

VISION

To be a sustainable global company with national and international recognition for the ability to train human resources in metrology and quality management for the Automotive and Aeronautics industry.



VALUES

- *Commitment. We are convinced to solve the need agreed with our customers and with myself for the mutual development in each activity that we carry out.*
- *Quality. We seek that the product and service that we develop meets the needs of our customers in a timely manner under the philosophy of planning, doing, verifying and acting.*
- *Courtesy. We show attention and respect with a positive attitude to myself and those around us every day.*
- *Tolerance. We respect the ideas, beliefs and practices of others when they are different or contrary to our ideals and thoughts.*
- *True. We act and do according to our thoughts, ideals and concepts*
- *Integration. We integrate skills and abilities of internal and external experts.*



PRODUCTS AND SERVICES



Training
&
Advisory

Metrology
Services
Industry

Software
Development
in Metrology

“Present in the Automotive, Aeronautic and Energetic sector”





Training
&
Advisory

Metrology

Dimensioning and Tolerancing ASME Y14.5 (GD&T)

Laboratory Management Systems ISO/IEC 17025:2017

Uncertainty Measurement

Coordinate Measuring Machine

Checking Fixture and Gages

Dimensional Metrology

Quality

5's

ISO 9001:2015

Six Sigma

Training of ISO 19011 auditors

Automotive

8 D's

VDA 6.3

IMDS

Control plan

IATF 16949: 2008

Core Tools (APQP- AMEF-MSA-SPC-PPAP)

Capability of Measurement Processes – VDA 5,0

Manufacture

Lean Manufacturing



Training
&
Advisory

Development of technical skills for operators and technicians

Diplomat Quality Tools for the Automotive Industry

METROLOGY
SCHOOL

DIPLOMADO

HERRAMIENTAS DE CALIDAD PARA
LA INDUSTRIA AUTOMOTRIZ



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Legal and Industrial Metrology

Metrology
Services
Industry

- ✓ *On-Site Calibration Service and Laboratory.*
- ✓ *Laboratories: Dimensional, Temperature, Mass, Flow, Volume, Viscosity, Gases, Optics, ultrasound.*
 - ✓ *Reference materials*
 - ✓ *Administration of the Measurement System.*
 - ✓ *Bias Studies, Eccentricity*
- ✓ *Training and non-destructive testing services (NDT).*
- ✓ *Calibration of equipment in the different areas of Petrochemicals and Petroleum:*
 - *Lubricating oils and greases - Analysis of steels and alloys - Special cases - Corrosion - Petroleum distillates - Drilling fluids - Insulating dielectric fluids - Natural gas, liquefied, fuel - Brake and antifreeze fluids - Crude oil and residual fuel.*





MSA 4.0 Software

Measurement Systems Analysis

HOME ABOUT STUDIES CONTACT

CLIENTS

This is a software to performance the technical analysis of the measurement systems according to the IAGG requeriments (MSA).

CEDEME Centro de Desarrollo Metrología

ESTUDIO LINEALIDAD

Datos del instrumento: Calibrador Vernier, Marca: Mitutoyo, Alcance: 150 mm, Resolución: 0.01

Valores de Referencia: Valor Referencia 1: 2, Valor Referencia 2: 4, Valor Referencia 3: 6, Valor Referencia 4: 8, Valor Referencia 5: 10

Med.Val.Ref1	Med.Val.Ref2	Med.Val.Ref3	Med.Val.Ref4	Med.Val.Ref5
2.7	5.1	5.8	7.6	9.1
2.5	3.9	5.7	7.7	9.3
2.4	4.2	5.9	7.8	9.5
2.5	5	5.9	7.7	9.3
2.7	3.8	6	7.8	9.4
2.3	3.9	6.1	7.8	9.5
2.5	3.9	6	7.8	9.5
2.5	3.9	6.1	7.7	9.5
2.4	3.9	6.4	7.8	9.6
2.4	4	6.3	7.5	9.2
2.6	4.1	6	7.6	9.3
2.6	3.8	6.1	7.7	9.4

Gráfica Estudio Linealidad

Analisis de Resultados del Estudio

Val.Ref.	X0-Xbar	(X0-Xbar) ²	Relación	Suma	SQRT	CBV
2.0	-4.0	16.0	0.033333...	0.05	0.223606...	0.152034...
4.0	-2.0	4.0	0.008333...	0.025	0.158113...	0.107504...
6.0	0.0	0.0	0.0	0.016666...	0.129099...	0.087776...
8.0	2.0	4.0	0.008333...	0.025	0.158113...	0.107504...
10.0	4.0	16.0	0.033333...	0.05	0.223606...	0.152034...

Linea Lim.Inferior Lim.Superior Bias Cero

1.401666666666667 1.449632591178262 1.753700742155972 0.0

1.3350000000000002 1.2274956742507215 1.442504325749279 0.0

1.068333333333334 0.9805564189241067 1.15611024774256 0.0

0.801666666666667 0.694162340917388 0.9091709924159455 0.0

0.5350000000000001 0.382965924511595 0.6870340754884052 0.0

Generar Reporte Realizar Otra Prueba Salir



Our Clients



HI-LEX



HITACHI



We are Metrology School



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