

EsIA Categoría II Patio y Talleres de la Línea 3 del Metro de Panamá.

Punto: Brisas de Nuevo Arraiján

Header ID	Logger ID	Fecha	Hora	PM10 (ug/m3)
366250.68	915085	12/03/2018	12:11:00	37,00
		12/03/2018	12:15:01	9,80
		12/03/2018	13:15:00	11,98
		12/03/2018	14:15:00	9,42
		12/03/2018	15:15:00	39,77
		12/03/2018	16:15:00	76,28
		12/03/2018	17:15:00	38,35
		12/03/2018	18:15:00	66,18
		12/03/2018	19:15:00	151,83
		12/03/2018	20:15:00	107,28
		12/03/2018	21:15:00	19,23
		12/03/2018	22:15:00	15,18
		12/03/2018	23:15:00	36,05
		13/03/2018	00:15:00	118,53
		13/03/2018	01:15:00	123,95
		13/03/2018	02:15:00	21,40
		13/03/2018	03:15:00	21,93
		13/03/2018	04:15:00	38,77
		13/03/2018	05:15:00	97,72
		13/03/2018	06:15:01	28,65
		13/03/2018	07:15:00	30,85
		13/03/2018	08:15:00	32,85
		13/03/2018	09:15:01	22,42
		13/03/2018	10:15:00	15,58
		13/03/2018	11:15:00	11,73
		13/03/2018	12:15:00	12,72
		13/03/2018	13:15:00	10,72
		13/03/2018	14:15:00	25,44
		Promedio 24 h		43,99

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Punto: Minidepósitos Almacén S.A.

Header ID	Logger ID	Fecha	Hora	PM10 (ug/m3)
365873.24	915085	08/03/2018	18:20:00	649,50
		08/03/2018	19:20:00	15,25
		08/03/2018	20:20:00	18,70
		08/03/2018	21:20:00	20,27
		08/03/2018	22:20:00	16,88
		08/03/2018	23:20:00	17,43
		09/03/2018	00:20:00	30,30
		09/03/2018	01:20:00	48,48
		09/03/2018	02:20:00	20,48
		09/03/2018	03:20:00	19,22
		09/03/2018	04:20:01	25,50
		09/03/2018	05:20:00	36,50
		09/03/2018	06:20:00	28,12
		09/03/2018	07:20:00	31,33
		09/03/2018	08:20:00	21,20
		09/03/2018	09:20:00	12,52
		09/03/2018	10:20:00	21,93
		09/03/2018	11:20:01	27,67
		09/03/2018	12:20:00	13,53
		09/03/2018	13:20:00	25,43
		09/03/2018	14:20:00	25,25
		09/03/2018	15:20:00	55,77
		09/03/2018	16:20:00	26,93
		09/03/2018	17:20:00	27,32
		Promedio 24 h		51,48

Certificate of Calibration

Certificate Number: EDCQP200-4.11.5

Environmental Devices Corporation certifies the Haz-Scanner model EPAS is calibrated to published specifications and NIST traceable.

Calibration Dust Specifications are NIST traceable using Coulter Mutisizer II e. ISO12103 -1 A2 Fine Test Dust and is designed to agree with EPA Class I and Class III FRM and FEM particulate samplers and monitors and EN 12341 and EN 14907 standards.

Gas sensors are Calibrated against NIST/EPA traceable Calibration Gas using NIST primary Flow Standard: LFE774300 to ISO 17025 and EPA Instrumental Test Methods as defined by 40 CFR Part 60.

Quality system standard to meet the requirements of ANSI/ASQC standard Q9000-1994 (ISO 9001), MIL-STD 45662A, and customer's specification if required.

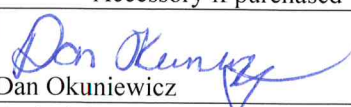
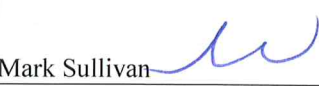
Temperature = 22°C

Relative Humidity = 30%

Atmospheric Pressure = 760 mmHg

Measurement Uncertainty Estimated @ 95% Confidence Level (k=2) using ISO 17025 guidelines.

Model	Serial Number	Calibration Date	Next Calibration Due
EPAS	915085	February 23, 2018	February 2019

Calibration Span Accessory if purchased	Sensor A K=	Sensor B K=	Model :
 Dan Okuniewicz Technician	 Mark Sullivan Supervisor		

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 ISO-9001 Certified