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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Occupational Safety And Health Evaluation And Control Technology Laboratories, National Institute Of Occupational Safety & Health (NIOSH) LOT 1, JALAN 15/1, SEKSYEN 15 BANDAR BARU BANGI, SELANGOR MALAYSIA , 43650, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	26 MARCH 2025
<b>FIELD(S) OF TESTING:</b>	CHEMICAL MICROBIOLOGICAL
<b>BRANCH:</b>	
<b>1 . BRANCH LABORATORY :</b>	ENVIRONMENTAL ERGONOMICS LABORATORY (EEL) ERGONOMICS EXCELLENCE CENTRE NIOSH SOUTHERN REGIONAL OFFICE, NO. 10, JALAN PERSIARAN TEKNOLOGI, MALAYSIA
<b>FIELD(S) OF TESTING:</b>	THERMAL
<b>2 . BRANCH LABORATORY :</b>	HUMAN ERGONOMICS ASSESSMENT LABORATORY (HEAL) ERGONOMICS EXCELLENCE CENTRE NIOSH SOUTHERN REGIONAL OFFICE, NO. 10, JALAN PERSIARAN TEKNOLOGI , MALAYSIA
<b>FIELD(S) OF TESTING:</b>	MECHANICAL
<b>SITE:</b>	
<b>1 . SITE LABORATORY(HQ) :</b>	CHEMICAL HAZARDOUS TO HEALTH LABORATORY (CHL), -, MALAYSIA
<b>FIELD(S) OF TESTING :</b>	CHEMICAL
<b>2 . SITE LABORATORY(HQ) :</b>	CHEMICAL HAZARDOUS TO HEALTH LABORATORY (CHL)
<b>FIELD(S) OF TESTING :</b>	CHEMICAL
<b>3 . SITE LABORATORY(HQ) :</b>	FALL PROTECTION EQUIPMENT TESTING LABORATORY (FPETL)
<b>FIELD(S) OF TESTING :</b>	MECHANICAL
<b>4 . SITE LABORATORY(HQ) :</b>	DUST MASK LABORATORY (DML)
<b>FIELD(S) OF TESTING :</b>	MECHANICAL
<b>5 . SITE LABORATORY(HQ) :</b>	GAS DETECTOR CALIBRATION LABORATORY (GCL)
<b>FIELD(S) OF CALIBRATION:</b>	ELECTRICAL
<b>6 . SITE LABORATORY(HQ) :</b>	CATEGORY II
<b>FIELD(S) OF CALIBRATION:</b>	ELECTRICAL
<b>7 . SITE LABORATORY(HQ) :</b>	SCIENTIFIC EQUIPMENT CALIBRATION LAB (SECL)
<b>FIELD(S) OF CALIBRATION:</b>	ACOUSTIC & VIBRATION

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC

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17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

<b>CENTRAL LOCATION:</b>	Occupational Safety And Health Evaluation And Control Technology Laboratories, National Institute Of Occupational Safety & Health (NIOSH) LOT 1, JALAN 15/1, SEKSYEN 15 BANDAR BARU BANGI, SELANGOR MALAYSIA , 43650, Selangor
<b>FIELD(S) OF TESTING :</b>	CHEMICAL, MICROBIOLOGICAL

**SCOPE OF TESTING : CHEMICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ambient Air (filter Pvc)	Total Dust	In-house Method based on NMAM 0500 (Issue 2: 15 August 1994) (excluding sampling)
	Respirable Dust	In-house Method based on NMAM 0600 (Issue 3: 15 January 1998) (excluding sampling)
	Crystalline Silica (Quartz)	In-house Method based on NMAM 7500 (Issue 4: 15 March 2003) (excluding sampling)
	Copper (Cu), Cobalt (Co), Arsenic (As), Cadmium (Cd), Manganese (Mn), Nickel (Ni), Lead (Pb), Chromium (Cr), Zinc (Zn), Aluminium (Al), Ferum (Fe), Beryllium (Be)	NMAM 7304 (Issue 1: 25 June 2014) (excluding sampling)
Ambient Air (filter Mce)	Total Fiber	In-house Method based on NMAM 7400 (Issue 3: 14 June 2019) (excluding sampling)
	Cadmium Copper Chromium Lead Manganese Nickel	NMAM 7303 (Issue 1: 15 March 2003) (excluding sampling)

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Urine	Hippuric Acid and Methyl Hippuric Acid	In-house Method WOSHECT-01-22 and WOSHECT-01-23 based on J Occupational Health 2008:50 221-8: Published Online 2008, Apr 11
	Copper (Cu), Cobalt (Co), Arsenic (As), Cadmium (Cd), Manganese (Mn), Nickel (Ni), Lead (Pb), Chromium (Cr), Zinc (Zn)	In-house Method WOSHECT-01-37 based on USEPA 3052 & APHA 3125-B
Blood	Lead (Pb), Chromium (Cr), Cadmium (Cd), Manganese (Mn), Cobalt (Co)	In-house Method WOSHECT-01-36 based on USEPA 3052 & APHA 3125-B

### SCOPE OF TESTING : MICROBIOLOGICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
<b>Environmental Monitoring</b> Indoor Air Sample	Total fungi Total bacteria	NMAM 0800 (excluding sampling)
	<i>Legionella spp. including Legionella pneumophila</i>	AS/NZS 3896:2008

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<b>SITE LOCATION (HQ)</b>	1. CHEMICAL HAZARDOUS TO HEALTH LABORATORY (CHL), -, MALAYSIA
<b>FIELD(S) OF TESTING :</b>	CHEMICAL

### SCOPE OF TESTING : CHEMICAL

<b>Material / Product Tested</b>	<b>Type Of Test / Properties Measured / Range Of Measurement</b>	<b>Standard Test Methods / Equipment / Techniques</b>
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<b>SITE LOCATION (HQ)</b>	2. CHEMICAL HAZARDOUS TO HEALTH LABORATORY (CHL)
<b>FIELD(S) OF TESTING :</b>	CHEMICAL

**SCOPE OF TESTING : CHEMICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
<b>Environmental Monitoring</b> Ambient Air (solid Sorbent Tube)	Hydrocarbon Group A: Benzene Toluene o-xylene m-xylene p-xylene Ethyl Benzene	In-house Method based on NMAM 1501 (Issue 3: 15 March 2003) (excluding sampling)
	n-hexane	In-house Method based on NMAM 1500 (Issue 3: 15 March 2003) (excluding sampling)
	Acetone Methyl ethyl ketone Methyl isobutyl ketone	In-house Method based on NMAM 2555 (Issue 1: 15 March 2003) (excluding sampling)

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<b>BRANCH LOCATION</b>	1. ENVIRONMENTAL ERGONOMICS LABORATORY (EEL) ERGONOMICS EXCELLENCE CENTRE NIOSH SOUTHERN REGIONAL OFFICE NO. 10, JALAN PERSIARAN TEKNOLOGI, MALAYSIA
<b>FIELD(S) OF TESTING :</b>	THERMAL

### SCOPE OF TESTING : THERMAL

<b>Material / Product Tested</b>	<b>Type Of Test / Properties Measured / Range Of Measurement</b>	<b>Standard Test Methods / Equipment / Techniques</b>
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<b>BRANCH LOCATION</b>	2. HUMAN ERGONOMICS ASSESSMENT LABORATORY (HEAL) ERGONOMICS EXCELLENCE CENTRE NIOSH SOUTHERN REGIONAL OFFICE NO. 10, JALAN PERSIARAN TEKNOLOGI ,MALAYSIA
<b>FIELD(S) OF TESTING :</b>	MECHANICAL

**SCOPE OF TESTING : MECHANICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
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<b>SITE LOCATION (HQ)</b>	1. CATEGORY II
<b>FIELD(S) OF CALIBRATION :</b>	ELECTRICAL

**SCOPE OF CALIBRATION : ELECTRICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
Portable Gas Detector Ch4	29 % LEL to (1.45 Vol%)	1 % LEL (0.05 Vol%)	Direct Measurement Using Calibration Gas
Portable Gas Detector H2s	20 ppm	3 ppm	Direct Measurement Using Calibration Gas
Portable Gas Detector Co	60 ppm	1 ppm	Direct Measurement Using Calibration Gas
Portable Gas Detector O2	15 Vol %	0.1 Vol %	Direct Measurement Using Calibration Gas
Portable Gas Detector Co2	2.5 Vol %	0.16 Vol %	Direct Measurement Using Calibration Gas