



Department Testing Laboratory ISO/IEC 17025 Accreditation No. 152 Appendix to certificate No. 152-03
Calibration Laboratory ISO/IEC 17025

Name and Address:

Organization Name NRC SOREQ - Radiation Safety Division
Address Yavne, 81800, Israel
Phone +972-8-943-4363
Fax +972-8-943-4696
E-Mail radsafe@soreq.gov.il

This appendix includes 6 parts, one for each accredited organization in the list below:

1.	Personal Dosimetry Laboratory-badges	Phone No. +972-8-943-4511
2.	Radioactivity in water Laboratory	Phone No. +972-8-943-4554
3.	Radiotoxicologic Laboratory	Phone No. +972-8-943-4242
4.	Gamma Spectrometry Laboratory	Phone No. +972-8-943-4550
5.	Laser and Optical Radiation Measurements Laboratory	Phone No. +972-8-943-4240
6.	Non-ionizing EM radiation meters calibration laboratory	Phone No. +972-8-943-4550



Schedule of Accreditation

Name and Address:

Organization name NRC SOREQ - Radiation Safety Division
Laboratory name Personal Dosimetry Laboratory-badges
Address Yavne, 81800, Israel
Phone +972-8-943-4511
Fax +972-8-943-4696
E-Mail radsafe@soreq.gov.il

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Sampling Standard / Method	Opinion and interpretation	Remarks	
Group of products: Ionizing Radiation Dosimeters				משפחת מוצרים: דוזימטרים לקרינה מייננת					
Health – Personal Dosimetry, Measurement of Ionizing Radiation				בריאות – דוזימטריה אישית, מדידת מנות קרינה					
1	A	P	Employee Dosimeter	Personnel Radiation dose measurements	מדידת חשיפת אדם לקרינה מייננת	In house procedure	---	---	Based On: IAEA Safety Guide RS-G-1.3 and Manufacturer's Instruction Harshaw 8800-pc

Site: P or T or M , P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- flexible

Flexible scope in analytical tests: Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.

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The certificate attached is an integral part of the schedule and is numbered identically זהו חלק בלתי נפרד ממנו ומספרה זהה למספר הספח



Schedule of Accreditation

Name and Address:

Organization name NRC SOREQ - Radiation Safety Division
Laboratory name Gamma Spectrometry Laboratory
Address Yavne, 81800, Israel
Phone +972-8-943-4550
Fax +972-8-943-4696
E-Mail radsafe@soreq.gov.il

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Sampling Standard / Method	Opinion and interpretation	Remarks	
Group of products: Construction materials				משפחת מוצרים: חומרים לבניה					
Health - Chemical testing, Counting and Spectrometry				בריאות - בדיקות כימיות, מנייה וספקטרומטרייה					
11	A	P	Construction materials, Industrial Waste	Measurements of γ emitters	מניית רדיונוקלידים פולטי γ	In house procedure	---	---	Sample preparation and reporting Based on: SI 5098 February 2007 Testing-Based on: ANSI 42.14 - 1999
Group of products: Air				משפחת מוצרים: אוויר					
Health - Chemical testing, Counting and Spectrometry				בריאות - בדיקות כימיות, מנייה וספקטרומטרייה					
12	A	P	Air	Measurements of γ emitters	מניית רדיונוקלידים פולטי γ	In house procedure	---	---	Based on ANSI 42.14-1999

Site: P or T or M , P-Permanent, T-Temporary, M-Mobile

Type of Scopes: A- Fixed, C- flexible

Flexible scope in analytical tests: Type of matrix, analytes, experimental systems and/or analytical characteristics may be subject to changes, in accordance with the laboratory's approved and documented procedures. For details, please refer to the list of Accredited Tests, available from the laboratory upon request.

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The certificate attached is an integral part of the schedule and is numbered identically להסמכת מעבדות זהה למספר הנספח



Department Calibration Laboratory ISO/IEC 17025

Accreditation No. 152

Appendix to certificate No.

152-03

Schedule of Accreditation

Organization name NRC SOREQ - Radiation Safety Division
Laboratory name Non-ionizing EM radiation meters calibration
Address laboratory
Yavne, 81800, Israel
Phone +972-8-943-4550
Fax +972-8-943-4696
E-Mail radsafe@soreq.gov.il

Item	Scope Type	Site	Measurand, Instrument, Gauge	Range	CMC Expressed as an Expanded Uncertainty (95%)	Reference Document	Remarks
Calibration – Non-ionizing radiation EM fields					כיוול- קרינה לא מייננת, שדות אלקטרומגנטיים		
18	A	P	Magnetic field meters Magnetic flux density	50 Hz [0.05 μ T to 300 μ T]	3 %	IEEE 644	
19	A	P	Electric field meters Electric field strength	[1 MHz to 18 GHz]	1.75 dB	IEEE 1309	1 MHz to 1 GHz, uncertainty 1.75 dB
20	A			[6 V/m to 200 V/m]	1.52 dB		1 GHz to 18 GHz, uncertainty 1.52 dB
21	A	P		[0.1 MHz to 3 GHz]	1.75 dB	IEEE 1309	0.1 MHz to 1 GHz, uncertainty 1.75 dB
22	A			[2 V/m to 200 V/m]	1.52 dB		1 GHz to 3 GHz, uncertainty 1.52 dB
23	A	P	RF Power density meters RF Power density	[1 MHz to 18 GHz]	1.75 dB	IEEE 1309	1 MHz to 1 GHz, uncertainty 1.75 dB
24	A			[0.01 mW/cm ² to 10 mW/cm ²]	1.52 dB		1 GHz to 18 GHz, uncertainty 1.52 dB צפיפות הספק מחושבת מהשדה החשמלי
25	A	P		[0.1 MHz to 3 GHz]	1.75 dB	IEEE 1309	0.1 MHz to 1 GHz, uncertainty 1.75 Db
				[0.001 mW/cm ² to 10 mW/cm ²]	1.52 dB		1 GHz to 3 GHz, uncertainty 1.52 dB צפיפות הספק מחושבת מהשדה החשמלי

Site: P or T or M , P-Permanent, T-Temporary, M-Mobile

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