



ISO/IEC 17025;2017  
ISO/IEC 17020: 2012, Type A

מעבדות בדיקה  
פעילות פיקוח

## תעודת הסמכה מס' 006 גבי שואף בע"מ

כתובת אתר ייחוס: הירקון 34, יבנה, 8122737

עד יום: 24.06.2021

בתוקף מיום: 25.06.2019

הארגון נבדק ונבחן על ידי הרשות הלאומית להסמכת מעבדות (להלן הרשות) ונמצא ראוי להסמכה בהתאם לנספח פירוט היקף ההסמכה המצורף לתעודה זו, המהווה חלק בלתי נפרד ממנה ומספרו זהה למספר התעודה. הסמכה מצביעה על כשירות מקצועית ותפעול מערכת ניהול איכות בעלת הכרה בינלאומית. הארגון המוסמך על ידי הרשות, עומד בתקנים/ בדרישות המפורטים למעלה. דרישות התקנים הם לכשירות מקצועית ולמערכות ניהול, שהינן הכרחיות למתן תוצאות אמינות. הסמכה זו ניתנה בהתאם לכללי ISO/IEC 17011:2017 לפיהם פועלת הרשות ובמסגרתם מקיימת פיקוח שוטף על הארגון לצורך בחינת תפקודו המתמשך בהתאם לדרישות ההסמכה. ההסמכה תקפה כל עוד הארגון עונה לאמות המידה שנקבעו על ידי הרשות.

תעודה זו אינה מהווה אישור לפי סעיף 12 לחוק התקנים.

אתי פלר  
מנכ"ל  
הרשות הלאומית להסמכת מעבדות

תאריך הסמכה ראשון: 25.06.1995



הרשות הלאומית להסמכת מעבדות  
Israel Laboratory Accreditation Authority

**Testing Laboratories  
Inspection Activity**

**ISO/IEC 17025;2017  
ISO/IEC 17020: 2012, Type A**

## **Accreditation Certificate No. 006 Gabi Shoef Ltd.**

**Main site address:** 34 Hayarkon St., Yavne, 8122737, Israel

**Valid from: 25.06.2019**

**Until: 24.06.2021**

The organization was assessed by the Israel Laboratory Accreditation Authority (ISRAC) and found to be worthy of accreditation to the detailed schedule attached.

The schedule is an integral part of this certificate and is numbered with the above certificate number.

Accreditation demonstrates technical competence and operation of an internationally recognized quality management system.

The organization accredited by ISRAC complies with the standards/requirements mentioned above, meets the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically competent results. This accreditation is granted in accordance with the requirements of ISO/IEC 17011:2017, and entails periodic surveillance and reassessment by ISRAC to ensure that the organization continues to comply with the accreditation requirements.

The accreditation is valid provided that the organization continues to meet the criteria as laid down by ISRAC.

This certificate does not constitute an approval in accordance with article 12 of the standard law.

**Date of first accreditation: 25.06.1995**

**Etty Feller  
General Manager  
Israel Laboratory Accreditation Authority**

Date of signature 14/07/2019

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Department: Testing Laboratory

ISO/IEC 17025; 2017

Accreditation No. 006

Inspection Activity – Type A

ISO/IEC 17020; 2012

Name and Address:

**Laboratory name** Gabi Shoef Ltd  
34 Hayarkon St., Yavne, 8122737, Israel  
**Address**  
**Phone** +972-3-960-5559  
**Fax** +972-3-960-4160  
**E-Mail** [shoef@netvision.net.il](mailto:shoef@netvision.net.il)  
[www.gabishoef.co.il](http://www.gabishoef.co.il)

- P Main: Yavne
- P1 Beer Sheva +972-8-627-8465
- P2 Haifa +972-4-820-1735

Definitions:

Main site:

A central site where the quality system is controlled for all sites where tests, calibrations or sampling are performed.

Permanent site (Branch):

Permanent or temporary site existing longer than 6 months where at, or from which, the activities part of the accreditation schedule are performed.

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Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of Products: Engineering Items – Buildings, Constructions, Infrastructure and Concrete</b>					<b>משפחת מוצרים: פריטים הנדסיים – מבנים, תשתיות ובטון</b>				
<b>Non Destructive Testing</b>					<b>בדיקות לא הורסות</b>				
1	A	T	Hardened concrete	בטון קשוי	Testing of surface hardness using a rebound hammer	בדיקת קשיות שטח הפנים באמצעות פטיש רתע	SI 26 part 7 section 201	---	Based on: Schmidt method
2	A	P, T	Piles	כלונסאות	Integrity testing by ultrasonic cross hole testing	בדיקת רציפות בשיטה של על-קולית (אולטראסוניית)	ASTM D6760	---	
3	A	P, T	Piles	כלונסאות	Low strain integrity testing	בדיקת רציפות בשיטה חד-קולית (סוניית)	ASTM D5882	---	

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<b>Inflatable Play Facilities Testing</b>					<b>בדיקת מתקני משחקים מתנפחים</b>				
4	A	T	Inflatable play equipment	מתקני משחקים מתנפחים	Safety requirements and test methods –Initial test	דרישות בטיחות ושיטות בדיקה – בדיקה ראשונית	SI 5378	---	
5	A	T	Inflatable play equipment	מתקני משחקים מתנפחים	Safety requirements and test methods – Annual inspection	דרישות בטיחות ושיטות בדיקה – בחינה שנתית	SI 5378	---	

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<b>Group of Products: Engineering Items – Buildings, Constructions, Infrastructure and Concrete</b>				<b>משפחת מוצרים: פריטים הנדסיים – מבנים, תשתיות ובטון</b>			
<b>Non Destructive Testing, Testing PAL-CAL Ceiling Components in Structures</b>				<b>בדיקות לא הורסות, בדיקות מרכיבי תקרות פלקל במבנים</b>			
6	A	T	Structure	מבנים Ground Penetrating Radar (GPR) for testing PAL-CAL ceiling	רדאר חודר קרקע (GPR) לבדיקת תקרות פל-קל.	---	ISRAC'S Instruction No. 1-TR-0012 (Instruction for testing PAL-CAL ceiling components)
7	A	T	Structure	מבנים Profometer for testing PAL-CAL ceiling	פרופומטר לבדיקת תקרות פל-קל.	---	ISRAC'S Instruction No. 1-TR-0012 (Instruction for testing PAL-CAL ceiling components)
8	A	T	Structure	מבנים Steel for the reinforcement of concrete- Diameter test (By exposure and direct measure) for testing PAL-CAL ceiling	בדיקה של קוטר מוטות ברזל לזיון בטון עי"י חישוף ומדידה ישירה של תקרות פל-קל.	---	ISRAC'S Instruction No. 1-TR-0012 (Instruction for testing PAL-CAL ceiling components)
9	A	T	Structure	מבנים Thermograph imaging for testing PAL-CAL ceiling	צילום תרמוגרפי לבדיקת תקרות פל-קל.	---	ISRAC'S Instruction No. 1-TR-0012 (Instruction for testing PAL-CAL ceiling components)

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<b>Group of Products: Engineering items - Buildings, Constructions, Infrastructure and Concrete</b>					<b>משפחת מוצרים: פריטים הנדסיים- מבנים, תשתיות ובטון</b>			
<b>Physical and Engineering Testing</b>					<b>בדיקות פיזיקליות והנדסיות</b>			
10	A	T	Football goals	שערי כדורגל Functional and safety requirements and test methods	EN 748	---		
11	A	T	Goals for youth Football, Futsal, Mini-Soccer and Small-sided Football	שערי כדורגל לנוער, קטרגל, מיני כדורגל וכדורגל קטן צדדי Functional and safety requirements and test methods	BS 8462:2005 Annex B	---		
12	A	T	Sport equipment: Basketball	ציוד ספורט: ציוד כדורסל Functional and safety requirements and test methods- Installation And periodic testing	SI 5515 part 1 Excluding section 5.3	---		
13	A	T	Sport equipment: Gymnastic equipment – Rings	ציוד ספורט: ציוד התעמלות – טבעות Functional and safety requirements and test methods	SI 5515 part 4 Excluding section 6.2.2	---		
14	A	T	Sport equipment: Volleyball	ציוד ספורט: ציוד כדור עף Functional and safety requirements and test methods	SI 5515 part 2 Excluding section 4.2, 4.4	---		
15	A	T	Sport equipment:Ropes	ציוד ספורט: חבלים Functional and safety requirements and test methods	SI 5515 Appendix B	---		
16	A	T	Sport equipment:Ropes Gymnastic equipment-Ladders	ציוד ספורט: ציוד התעמלות- סולמות Safety requirements and test methods	SI 5515 part 3 Excluding section 5.1	---		

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<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים – בדיקות לא הורסות (NDT)</b>			
<b>Industrial Products, Electromagnetic Testing</b>					<b>מוצרי תעשייה, בדיקות אלקטרומגנטיות</b>			
17	C	P;T;	Ferrous metals	מתכות ברזליות Electromagnetic (eddy-current) sorting	מיון בשיטה אלקטרומגנטית (זרמי ערבולת)	ASTM-E-566	---	
18	C	P;T;	Light and dense metals and alloys including castings, forgings and weldments including aerospace structures components	מתכות קלות וכבדות ונתכים הכוללים יציקות, חישולים, ריתוכים ורכיבי מבנים תעופתיים Measuring coating thickness by magnetic-field or eddy-current (electromagnetic) examination methods	בדיקת עובי ציפוי בשיטת השדה המגנטי או זרמי הערבולת	ASTM-E-376	--- ASTM= American Society for Testing and Materials	
19	C	P;T;	Nickel and nickel alloy tubular products	ניקל ונתכי ניקל במוצרים גליליים Electromagnetic (eddy-current) examination	בדיקת אלקטרומגנטית (זרמי ערבולת)	ASTM-E-571	---	
20	C	P;T;	Nonferrous metals	מתכות לא ברזליות Electromagnetic (eddy-current) sorting	מיון בשיטה אלקטרומגנטית (זרמי ערבולת)	ASTM-E-703	---	
21	C	P;T;	Nonmagnetic heat exchanger tubes	צינורות לא פרוגמטיים במחליפי חום In situ electromagnetic (eddy-current) examination	בדיקה אלקטרומגנטית (זרמי ערבולת) בשטח	ASTM-E-690	---	

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<b>Industrial Products, Magnetic Particle Testing</b>					<b>מוצרי תעשייה, בדיקת חלקיקים מגנטיים</b>			
22	C	P;T;	Ferromagnetic metals	מתכות פרומגנטיות Determining the inclusion content of steel	קביעת כמות הזיהומים בפלדה AMS 2300 (MAM 2300)	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1 AWS= American Welding Society	
23	C	P;T;	Ferromagnetic metals	מתכות פרומגנטיות Determining the inclusion content of steel	קביעת כמות הזיהומים בפלדה AMS 2301 (MAM 2301)	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1	
24	C	P;T; P1;T1; P2:T2	Ferromagnetic metals	מתכות פרומגנטיות Magnetic particle examination	בדיקת חלקיקים מגנטיים ASTM-E-709	---	P1&P2: Examination by electromagnetic and permanent yoke. Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1	
25	C	P;T; P1;T1; P2:T2	Ferromagnetic metals	מתכות פרומגנטיות Magnetic particle examination	בדיקת חלקיקים מגנטיים ASTM-E-1444	---	P1 & P2: Examination by electromagnetic and permanent yoke. Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1	
26	C	T	Ferromagnetic metals	מתכות פרומגנטיות Magnetic particle examination	בדיקת חלקיקים מגנטיים EN 1290	---		

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<b>Industrial Products, Penetrant Testing</b>				<b>מוצרי תעשייה, חומרים חודרים</b>					
27	C	P	Light and dense metals including castings, forgings, pipelines, machined parts and weldments including aerospace structures components	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים, ריתוכים ורכיבי מבנים תעופתיים	Fluorescent penetrant examination using the hydrophilic post emulsification process	בדיקת נוזלים חודרים בתהליך הידרופילי	ASTM-E-1210	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1
28	C	P;T; P1;T1; P2:T2	Light and dense metals including castings, forgings, pipelines, machined parts and weldments	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים וריתוכים	Fluorescent penetrant examination using the solvent removable process	בדיקת נוזלים חודרים פלואורסצנטים בתהליך הסרה בממס	ASTM-E-1219	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1
29	C	P	Light and dense metals including castings, forgings, pipelines, machined parts and weldments	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים וריתוכים	Fluorescent penetrant examination using the water washable process	בדיקת נוזלים חודרים פלואורסצנטים בתהליך שטיפה במים	ASTM-E-1209	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1
30	C	P;T;	Light and dense metals including castings, forgings, pipelines, machined parts and weldments	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים וריתוכים	Liquid penetrant examination	בדיקת נוזלים חודרים	ASTM-E-165	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1
31	C	P;T; P1;T1; P2:T2	Light and dense metals including castings, forgings, pipelines, machined parts and weldments including aerospace structures components	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים, ריתוכים ורכיבי מבנים תעופתיים	Liquid penetrant examination	בדיקת נוזלים חודרים	ASTM-E-1417	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1

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<b>Industrial Products, Penetrant Testing</b>					<b>מוצרי תעשייה, חומרים חודרים</b>				
32	C	P; T; P1;T1; P2:T2	Light and dense metals including castings, forgings, pipelines, machined parts and weldments	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים וריתוכים	Visible penetrant examination using the solvent removable process	בדיקת נוזלים חודרים באור נראה בתהליך הסרה בממס	ASTM-E-1220	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1
33	C	P	Light and dense metals including castings, forgings, pipelines, machined parts and weldments	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים וריתוכים	Visible penetrant examination using the water washable process	בדיקת נוזלים חודרים באור נראה בתהליך שטיפה במים	ASTM-E-1418	---	Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1

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<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים – בדיקות לא הורסות (NDT)</b>				
<b>Industrial Products, Radiographic Testing: x and Gamma rays</b>					<b>מוצרי תעשייה, בדיקות רדיוגרפיות: קרני X וגמא</b>				
34	C	P;T; P1;T1; P2:T2	Light and dense metals including castings	מתכות קלות וכבדות כולל יציקות	Radiographic testing of metallic castings	בדיקות רדיוגרפיות של יציקות מתכתיות	ASTM-E-1030	---	Ir 192, Se 75 and Co 60 15 kV - 320 kV Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1 section 6

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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים – בדיקות לא הורסות (NDT)</b>			
<b>Industrial Products, Radiographic Testing: x and Gamma rays</b>					<b>מוצרי תעשייה, בדיקות רדיוגרפיות: קרני X וגמא</b>			
35	C	P;T; P1;T1; P2:T2	Light and dense metals including castings and weldments	מתכות קלות וכבדות כולל יציקות וריתוכים	Radiographic testing	בדיקות רדיוגרפיות	ASTM-E-94  Ir 192, Se 75 and Co 60 15 kV - 320 kV  Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1 section 6	
36	C	P;T; P1;T1; P2:T2	Light and dense metals including castings, forgings, pipelines, machined parts and weldments, buildings, concrete materials and Infrastructures	מתכות קלות וכבדות כולל יציקות, חישולים, צנרת, חומרים מעובדים, ריתוכים ומבנים תעופתיים, מבנים, חומרים בטוניים ותשתיות	Radiographic examination	בדיקות רדיוגרפיות	ASTM-E-1742  Ir 192, Se 75 and Co 60 15 kV - 320 kV  Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1 section 6	
37	C	P;T; P1;T1; P2:T2	Light and dense metals including weldments	מתכות קלות וכבדות כולל ריתוכים	Radiographic examination of weldments	בדיקות רדיוגרפיות של רתכים	ASTM-E-1032  Ir 192, Se 75 and Co 60 15 kV - 320 kV  Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AWS D1.1 section 6	
38	C	T	Weldments	ריתוכים	Radiographic examination	בדיקות רדיוגרפיות	EN 1435  Ir 192, Se 75 and Co 60 15 kV - 240 kV	

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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks		
<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים – בדיקות לא הורסות (NDT)</b>				
<b>Industrial Products, Ultrasonic Testing</b>					<b>מוצרי תעשייה, בדיקות אולטרסוניות</b>				
39	C	P;T;	Light and dense metals including castings, forgings and weldments including aerospace structures components	מתכות קלות וכבדות הכוללים יציקות, חישולים, ריתוכים ורכיבי מבנים תעופתיים	Measuring thickness by manual ultrasonic pulse-echo contact method	קביעת עובי בשיטה האולטרסונית במגע בטכניקת פולס-אקו	ASTM-E-797	---	In the frequency range: 500 kHz – 20 MHz
40	C	P;T;	Light and dense metals including castings, forgings and weldments including aerospace structures components	מתכות קלות וכבדות הכוללים יציקות, חישולים, ריתוכים ורכיבי מבנים תעופתיים	Measuring ultrasonic velocity in materials	בדיקת מהירות אולטרסונית בחומרים	ASTM-E-494	---	In the frequency range: 500 kHz – 20 MHz
41	C	P;T;	Light and dense metals including castings, forgings and weldments including aerospace structures components	מתכות קלות וכבדות הכוללים יציקות, חישולים, ריתוכים ורכיבי מבנים תעופתיים	Metal pipe and tubing	בדיקת צנרת מתכתית	ASTM-E-213	---	In the frequency range: 500 kHz – 20 MHz
42	C	P;T;	Light and dense metals including castings, forgings and weldments including aerospace structures components	מתכות קלות וכבדות הכוללים יציקות, חישולים, ריתוכים ורכיבי מבנים תעופתיים	Ultrasonic angle-beam examination by the contact method	בדיקת קרן אולטרסונית באלומה זוויתית בשיטת מגע	ASTM-E-587	---	In the frequency range: 500 kHz – 20 MHz Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AMS-STD-2154, AWS D1.1 section 6

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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים – בדיקות לא הורסות (NDT)</b>			
<b>Industrial Products, Ultrasonic Testing</b>					<b>מוצרי תעשייה, בדיקות אולטרסוניות</b>			
43	C	P;T;	Light and dense metals including castings, forgings and weldments including aerospace structures components	מתכות קלות וכבדות הכוללים יציקות, חישולים, ריתוכים ורכיבי מבנים תעופתיים	Ultrasonic pulse-echo straight-beam examination by the contact method	בדיקת אולטרסונית באלומה ישרה בשיטת מגע	ASTM-E-114  In the frequency range: 500 kHz – 20 MHz  Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AMS-STD-2154, AWS D1.1 section 6	
44	C	P;T;	Light and dense metals including weldments	מתכות קלות וכבדות הכוללים ריתוכים	Weld zone of welded pipe and tubing	בדיקת אזור הריתוך בצנרת	ASTM-E-273  In the frequency range: 500 kHz – 20 MHz  Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AMS-STD-2154, AWS D1.1 section 6	
45	C	P;T;	Light and dense metals including weldments including aerospace structures components	מתכות קלות וכבדות הכוללים ריתוכים ורכיבי מבנים תעופתיים	Ultrasonic contact examination of weldments	בדיקת מגע אולטרסונית של ריתוכים	ASTM-E-164  In the frequency range: 500 kHz – 20 MHz  Meets requirements regarding the materials/products tested as in: SI 1225 section 11.9.6, SI 127 part 1 section 7.4, AMS-STD-2154, AWS D1.1 section 6	
46	C	P;T;	Metallic members	חלקים מתכתיים	Ultrasonic testing	בדיקות אולטרסוניות	AMS-STD-2154  In the frequency range: 100 kHz – 20 MHz	
47	C	T; T1; T2	Weldments	ריתוכים	Ultrasonic testing	בדיקות אולטרסוניות	EN 1714  In the frequency range: 1 MHz – 10 MHz	

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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים, בדיקות לא הורסות (NDT)</b>			
<b>Pressure Vessel and Piping, Magnetic Particle Testing</b>					<b>מכלים וצנרת לחץ, בדיקת חלקיקים מגנטיים</b>			
48	C	T	Ferromagnetic metals	מתכות פרומגנטיות Magnetic particle examination	בדיקת חלקיקים מגנטיים EN 1290	---	Meets requirements regarding the materials/products tested as in: NEN 3650	
49	C	T;T1; T2	Ferromagnetic metals	מתכות פרומגנטיות Nondestructive examination	בדיקות אל הרס ASME V article 7	---	Meets requirements regarding the materials/products tested as in: ASME I, ASME B31.1, ASME B31.3, ASME B31.8, ASME VIII ASME= American Society of Mechanical Engineering	
50	C	T;T1; T2	Ferromagnetic metals	מתכות פרומגנטיות Requirements for steel pipeline transportation systems	דרישות למערכות להולכת גז מצנרת פלדה NEN 3650	---		
51	C	T	Gas supply systems- welding steel pipework	מערכות אספקת גז- עבודות ריתוכי צנרת Nondestructive examination	בדיקות אל הרס EN 12732	---		
52	C	T;T1; T2	Welding pipelines and related facilities	ריתוכי צנרת ומתקנים Nondestructive examination	בדיקות אל הרס API 1104 part 9	---	API= American Petroleum Institute	

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<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>(NDT) מדיקות לא הורסות, פריטים הנדסיים, מדיקות לא הורסות</b>			
<b>Pressure Vessel and Piping, Penetrant Testing</b>					<b>מכלים וצנרת לחץ, חומרים חודרים</b>			
53	C	T	Gas supply systems- welding steel pipework	מערכות אספקת גז- עבודות ריתוכי צנרת	Nondestructive examination	בדיקות אל הרס	EN 12732	---
54	C	T;T1; T2	Light and dense metals including castings, forgings and weldments	מתכות קלות וכבדות כולל יציקות, חישולים וריתוכים	Nondestructive examination	בדיקות אל הרס	ASME V article 6	Meets requirements regarding the materials/products tested as in: ASME I ASME VIII, ASME B31.1, ASME B31.3, ASME B31.8
55	C	T;T1; T2	Light and dense metals including castings, forgings and weldments	מתכות קלות וכבדות כולל יציקות, חישולים וריתוכים	Requirements for steel pipeline transportation systems	דרישות למערכות להולכת גז מצנרת פלדה	NEN 3650	---
56	C	T; T1; T2	Welding pipelines and related facilities	ריתוכי צנרת ומתקנים	Nondestructive examination	בדיקות אל הרס	API 1104 part 9	---

Item	Scope Type	Site	Materials / Products Tested		Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks
<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>(NDT) מדיקות לא הורסות, פריטים הנדסיים, מדיקות לא הורסות</b>			
<b>Pressure Vessel and Piping, Radiographic Testing: x and Gamma Rays</b>					<b>מכלים וצנרת לחץ, בדיקות רדיוגרפיות: קרני X וגמא</b>			
57	C	T	Gas supply systems- welding steel pipework	מערכות אספקת גז- עבודות ריתוכי צנרת	Nondestructive examination	בדיקות אל הרס	EN 12732	---

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<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים, בדיקות לא הורסות (NDT)</b>			
<b>Pressure Vessel and Piping, Radiographic Testing: x and Gamma Rays</b>					<b>מכלים וצנרת לחץ, בדיקות רדיוגרפיות: קרני X וגמא</b>			
58	C	T;T1; T2	Light and dense metals including castings and weldments	מתכות קלות וכבדות כולל יציקות וריתוכים Nondestructive examination	בדיקות אל הרס ASME V article 2	---	Ir 192, Se 75 and Co 60 15 kV - 320 kV Meets requirements regarding the materials/products tested as in: ASME I, ASME VIII, ASME IX, ASME B31.1, ASME B31.3, ASME B31.8	
59	C	T;T1; T2	Light and dense metals including castings and weldments	מתכות קלות וכבדות כולל יציקות וריתוכים Requirements for steel pipeline transportation systems	דרישות למערכות להולכת גז מצנרת פלדה NEN 3650	---	Ir 192, Se 75 and Co 60 15 kV - 320 kV	
60	C	T;T1; T2	Welding pipelines and related facilities	ריתוכי צנרת ומתקנים Nondestructive examination	בדיקות אל הרס API 1104 part 9	---		
61	C	T	Welds	ריתוכים Nondestructive examination	בדיקות אל הרס EN 1435	---	Ir 192, Se 75 and Co 60 15 kV - 240 kV Meets requirements regarding the materials/products tested as in: NEN 3650	

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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks		
<b>Group of Products: Engineering Items, Non Destructive Test (NDT)</b>					<b>משפחת מוצרים: פריטים הנדסיים, בדיקות לא הורסות (NDT)</b>				
<b>Pressure Vessel and Piping, Ultrasonic Testing</b>					<b>מכלים וצנרת לחץ, בדיקות אולטרסוניות</b>				
62	C	T	Gas supply systems- welding steel pipework	מערכות אספקת גז- עבודות ריתוכי צנרת	Nondestructive examination	בדיקות אל הרס	EN 12732	---	
63	C	T;T1; T2	Light and dense metals including castings, forgings and weldments	מתכות קלות וכבדות כולל יציקות, חישולים וריתוכים	Nondestructive examination	בדיקות אל הרס	ASME V articles 4,5	---	In the frequency range: 20 kHz – 20 MHz Meets requirements regarding the materials/products tested as in: ASME I, ASME VIII, ASME B31.1, ASME B31.3, ASME B31.8
64	C	T;T1; T2	Light and dense metals including castings, forgings and weldments	מתכות קלות וכבדות כולל יציקות, חישולים וריתוכים	Requirements for steel pipeline transportation systems	דרישות למערכות להולכת גז מצנרת פלדה	NEN 3650	---	In the frequency range: 20 kHz – 20 MHz
65	C	T;T1; T2	Welding pipelines and related facilities	ריתוכי צנרת ומתקנים	Nondestructive examination	בדיקות אל הרס	API 1104 part 9	---	
66	C	T; T1; T2	Weldments	ריתוכים	Ultrasonic testing	בדיקות אולטרסוניות	EN 1714	---	In the frequency range: 1 MHz – 10 MHz

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<b>Group of products: Engineering Items: Pressure Vessels and Pipes</b>					<b>משפחת מוצרים: פריטים הנדסיים - מכלים וצנרת לחץ</b>				
<b>Emission to Air</b>					<b>פליטות לאוויר</b>				
67	A	T	Fuel tank, pipeline and related adaptors	מכלי דלק, צנרת והמתאמים הקשורים אליהם	Tightness test at the gas phase and test for integrity of underground storage tank, adaptors, pipelines and valves for vapor leak prevention	בדיקת אטימות לפאזה הגזית ושלמות מיכל האחסון התת קרקעי, המתאמים, הצנרת והשסתומים למניעת דליפות אדים	TP-201.3 Vapor Recovery Test Procedure, California Environmental Protection Agency. Determination of 2 Inch WC Static Pressure of Vapor Recovery Systems of Dispensing Facilities	---	
68	A	T	Pressure/vacuum vent valves installed in tanks vent	שסתום שחרור עודפי הלחץ המותקן בנשמי מכלים	Determination of leak rate and cracking pressure of pressure/vacuum vent valves	בדיקת תפוקוד שסתום שחרור עודפי הלחץ (P/V valve)	TP-201.1E Vapor Recovery Test Procedure, California Environmental Protection Agency, Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves.	---	
69	A	T	Vapour recovery system – Stage 2, installed in the dispensers	מערכת השבת אדים - שלב 2 המותקנת במנפקות התדלוק	Test for performance of Stage 2 system (petrol vapour/petrol ratio) in nozzle of dispenser and test for deactivation of a delivery point in automatic monitoring system. Petrol vapour/petrol ratio tested by dry method.	בדיקה לביצועי מערכת שלב 2 (יחס אדי דלק / דלק) בפיות התדלוק ובדיקת תקינות של פעולת ניתוק הדלק במערכת הבקרה האוטומטית. יחס אדי דלק / דלק נבדק בשיטה יבשה.	SI 16321-2 Petrol vapour recovery during refueling of motor vehicles at service stations: Test methods for verification of vapour recovery systems at service stations. Subsection 5.4 Measurement principle with simulated petrol flow (dry test method).	---	SI= Israeli Standard
70	A	T	Vapour recovery system – Stage 2, installed in the dispensers	מערכת השבת אדים - שלב 2 המותקנת במנפקות התדלוק	Test for performance of Stage 2 system (petrol vapour/petrol ratio) in nozzle of dispenser and test for deactivation of a delivery point in automatic monitoring system. Petrol vapour/petrol ratio tested by wet test method A	בדיקה לביצועי מערכת שלב 2 (יחס אדי דלק / דלק) בפיות התדלוק ובדיקת תקינות של פעולת ניתוק הדלק במערכת הבקרה האוטומטית. יחס אדי דלק / דלק נבדק בשיטה רטובה A	SI 16321-2 Petrol vapour recovery during refueling of motor vehicles at service stations - Part 2: Test methods for verification of vapour recovery systems at service stations. Subsection 5.5 Measurement principle with real petrol flow (wet test method A).	---	

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Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of products: Engineering Items: Pressure Vessels and Pipes</b>				<b>משפחת מוצרים: פריטים הנדסיים - מכלים וצנרת לחץ</b>				
<b>Leakage to Soil</b>				<b>פליטות /דליפה לקרקע</b>				
71	A	T	Double wall Tanks	מכלים בעלי דופן כפולה	Leak detection in Double wall tanks	בדיקת אטימות למכל בעל דופן כפולה	In house procedure ---	Based on: Dr. Pistiner method (Temporary Instruction)
72	A	P;T	Fiberglass, plastic and steel pipelines, maximum pipeline capacity of 129 gallons.	צנרת מפברגלס, פלסטיק ופלדה, קיבולת מכסימלית של 129 גלון	Line tightness test method	בדיקת אטימות צנרת בשיטת מדידת שינויי הלחץ	In house procedure ---	Meets U.S Federal regulations rule 40 sections 280.41, 280.43, 280.44 & Petro Tite Line Tester-Heath Consultants inc. Performance spec: leak rate 0.1 gal/hr at P(D) of 99.99% and P(FA) of 0.34%.
73	A	T	Underground horizontal tanks containing water or fuel up to (include) 160,000 liter	מיכלים אופקיים תת קרקעיים המכילים מים או דלק בנפח עד (כולל) 160,000 ליטר	Tightness test of tanks by Underfill method	בדיקת דליפות למיכלים בשיטת Underfill	In house procedure ---	Meets EPA 530 performance std: leaking detection of 0.1 gal/hr at P(D) of 95% and P(FA) of 5% UST 2000/P EPA= Environmental Protection Agency method

Item	Scope Type	Site	Materials / Products Tested	Types of Test / Properties Measured	Standard / Method	Opinion and Interpretation	Remarks	
<b>Group of Products: Gas Cylinders and Open Breath Systems</b>				<b>משפחת מוצרים: מכלי לחץ - גילי גזים ומערכות נשימה פתוחות</b>				
<b>Physical Testing</b>				<b>בדיקות פיזיקליות</b>				
74	A	T	Transportable gas cylinder- Seamless aluminum alloy cylinders	גלילים מיטלטלים לגזים - גלילי סגסוגת אלומיניום ללא תפר	Periodic inspection and testing	בדיקות ובחינות תקופתיות	SI 712 Part 3 ---	מכלים בנפח עד 1 ליטר

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<b>Group of products: Environment – Ambient Air</b>				<b>משפחת מוצרים: איכות הסביבה – אוויר פתוח</b>			
<b>Sampling</b>				<b>דיגום</b>			
75	A	T	Ambient Air	אוויר פתוח Leakage measurements of volatile organic materials in manufacturing equipment components (LDAR)	מדידת דליפות חומרים אורגניים נדיפים מרכיבי ציוד בתעשייה (LDAR) EPA 21 Protocol for equipment leak emission estimates, 1995, EPA-453/R-95-017	---	EPA= Environmental Protection Agency LDAR= Leak Detection & Repair

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Item	Site	Field	Requirements	Standard / Method	Remarks
<b>Group of Products: Engineering Items - Buildings, Constructions, Infrastructure and Concrete</b>				<b>משפחת מוצרים: פריטים הנדסיים- מבנים, תשתיות ובטון</b>	
<b>Physical and Engineering Testing</b>				<b>בדיקות פיזיקליות והנדסיות</b>	
76	T	Playground equipment	מתקני משחקים Playground	אתר המשחקים SI 1498 part 8 –2018	
77	T	Playground equipment	מתקני משחקים Testing and maintenance	בדיקות ותחזוקה SI 1498 part 4 - 2001	
78	T	Playground equipment	מתקני משחקים Special requirements for different kinds of equipment	בדיקות מיוחדות למתקנים ממינים שונים SI 1498 part 5 - 2000	
79	T	Playground equipment	מתקני משחקים General safety requirements and Inspection methods	דרישות בטיחות כלליות ושיטות בדיקה SI 1498 part 1 - 2006	
80	T	Playground equipment	מתקני משחקים Additional specific safety requirements and Inspection methods for slides	דרישות בטיחות נוספות ושיטות בדיקה נוספות למגלשות SI 1498 part 3 - 2006	
81	T	Playground equipment	מתקני משחקים Additional specific safety requirements and Inspection methods for runways	דרישות בטיחות נוספות ושיטות בדיקה נוספות למסילות גלישה SI 1498 part 4 – 2006	
82	T	Playground equipment	מתקני משחקים Additional specific safety requirements and Inspection methods for rocking equipment	דרישות בטיחות נוספות ושיטות בדיקה נוספות לנדנדות מאזניים ולמתקני נענע SI 1498 part 6 – 2006	
83	T	Playground equipment	מתקני משחקים Additional specific safety requirements and Inspection methods for swings	דרישות בטיחות נוספות ושיטות בדיקה נוספות לנדנדות תלויות SI 1498 part 2 - 2006	
84	T	Playground equipment	מתקני משחקים Additional specific safety requirements and Inspection methods for carousels	דרישות בטיחות נוספות ושיטות בדיקה נוספות לסחרחרות SI 1498 part 5 – 2006	
85	T	Playground equipment	מתקני משחקים Installation of equipment	התקנת המתקנים SI 1498 part 3 - 2000	
86	T	Playground equipment	מתקני משחקים General	כללי SI 1498 part 1 - 2000	
87	T	Playground equipment	מתקני משחקים Installation, inspection, operation and maintenance guide	מדריך להתקנה, לפיקוח, לתחזוקה ולתפעול SI 1498 part 7 – 2006	

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Item	Site	Field	Requirements	Standard / Method	Remarks	
<b>Group of Products: Engineering Items - Buildings, Constructions, Infrastructure and Concrete</b>				<b>משפחת מוצרים: פריטים הנדסיים- מבנים, תשתיות ובטון</b>		
<b>Physical and Engineering Testing</b>				<b>בדיקות פיזיקליות והנדסיות</b>		
88	T	Playground equipment	מתקני משחקים Impact attenuation Playground surfacing- Determination of critical fall height & HIC value	קביעת גובה נפילה קריטי וקריטריון פגיעת הראש במשטחי מתקני משחקים בעלי משטח ספיגה	BS EN 1177	
89	T	Physical training modules in unsupervised sites	מתקנים לפעילות גופנית באתרים נטולי השגחה	General safety requirement and test methods	דרישות בטיחות כלליות ושיטות בדיקה	SI 1497 part 1
90	T	Physical training modules in unsupervised sites	מתקנים לפעילות גופנית באתרים נטולי השגחה	Guidance on inspection, maintenance and site operation	הוראות לבחינה, לתחזוקה ולתפעול האתר	SI 1497 part 2

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