



ISO/IEC 17025:2017

מעבדות בדיקה

תעודת הסמכה מס' 165 פז בתי זיקוק אשדוד בע"מ-מעבדות QC

כתובת אתר ייחוס: ת.ד. 338, אשדוד, 7710202

בתוקף מיום: 19.08.2019

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 הארגון המוסמך על ידי הרשות ובמסגרתם מקיימת פיקוח 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: 13.11.2006

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Testing Laboratories

ISO/IEC 17025:2017

Accreditation Certificate No. 165 Paz Ashdod Refineries Ltd-QC Laboratory

Main site address: P.O. Box 338, Ashdod, 7710202, Israel

Valid from: 19.08.2019 Until: 12.11.2021

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: 13.11.2006

Etty Feller
General Manager
Israel Laboratory Accreditation Authority

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Accreditation No. 165

Name and Address:

Organization Name Paz Ashdod Refineries Ltd-QC Laboratory

Main office Address P.O.Box 338, Ashdod, 7710202, Israel

 Phone
 +972-8-512-887

 Fax
 +972-8-567-730

 E-Mail
 hangela@pazar.co.il

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

A permanent (P) or temporary (T) place, or a stationary or mobile (M) facility, at or from which the organization performs activities forming part of its scope of accreditation, starting from sampling to final issuance of a report or certificate and / or quality system activities. A temporary (T) site is a site established under the responsibility of an accredited permanent site. All activities performed at a temporary site are the responsibility of the permanent site. An outdoors work is also considered to be a temporary site. Temporary site will be a site that involves work for special project and the activity will be defined in time (up to 2 years).

Type of Scopes: A- Fixed, C- 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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Accreditation No. 165

| Item | Scope Type | | Materials / Pro | Materials / Products Tested Types of Test / Pro | | perties Measured | Standard / Method | Opinion and Interpretation | Remarks |
|---|---------------|----------|---------------------------|---|------------------------------|------------------|-------------------|-------------------------------|---|
| Group of products: Fuels, Oils and Bitumens | | | | | | | | ומנים | משפחת מוצרים: <i>דלקים, שמנים וביט</i> |
| Che | mıcal | Testing, | Chromatography, GC | | | | | | בדיקות כימיות, כרומטוגרפיה, GC |
| 1 | A | P | Liquefied petroleum gases | גז פחממני מעובה (גפיימ) | Determination of composition | קביעת הרכב | ASTM-D-2163 | | ASTM=American Society for Testing and Materials |

| Item | Scope Type | Site | Materials / P | roducts Tested | Types of Test / Properties Measured | | Standard / Method | Opinion and Interpretation | Remarks |
|------|---------------|----------|--------------------------|-------------------------|---|---|-------------------|-------------------------------|---|
| Gro | up of p | oroduct | s: Fuels, Oils and Bitun | nens | | | | ומנים | משפחת מוצרים: <i>דלקים, שמנים וביטו</i> |
| Che | mical T | Testing, | Classical Chemistry, M | leasurement of Physical | Properties | | ים פיזיקליים | <i>ו</i> ות של מאפיינ | בדיקות כימיות, כימיה קלאסית, בדיר |
| 2 | A | P | Diesel fuel oil | סולר תחבורה | Cetane number | מספר ציטן | ASTM-D-613 | | |
| 3 | A | P | Fuel Oil | מזוט | Asphaltens | אספלטנים | IP-143 | | IP= Institute of Petroleum |
| 4 | A | P | Fuel oil | | Flash point by Pensky- Martens method (closed cup) | נקודת הבזקה בשיטת פנסקי מארטנס (בכלי סגור) | ASTM-D-93 | | |
| 5 | A | P | Gas oil | | Flash point by Pensky- Martens method (closed cup) | נקודת הבזקה בשיטת פנסקי מארטנס (בכלי סגור) | ASTM-D-93 | | |
| 6 | A | P | Diesel fuel oil | | Flash point by Pensky- Martens method (closed cup) | נקודת הבזקה בשיטת פנסקי מארטנס (בכלי סגור) | ASTM-D-93 | | |
| 7 | A | P | Gas oil | סולר להסקה | Cold filter plugging point | נקודת סנינות בקור | IP-309 | | |
| 8 | A | P | Diesel fuel oil | סולר תחבורה | Cold filter plugging point | נקודת סנינות בקור | IP-309 | | |

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| Item | Scope Type | Site | Materials / P | roducts Tested | Types of Test / Properties Measured | | Standard / Method | Opinion and Interpretation | Remarks |
|------|---------------|----------|---------------------------|------------------------|--|--|-------------------|-------------------------------|--------------------------------------|
| Grou | up of p | product | s: Fuels, Oils and Bitun | nens | | | | יטומנים | משפחת מוצרים: <i>דלקים, שמנים וב</i> |
| Cher | nical T | Testing, | Classical Chemistry, M | easurement of Physical | Properties | | ים פיזיקליים | דיקות של מאפייני | בדיקות כימיות, כימיה קלאסית, ב |
| 9 | A | P | Gasoline | בנזין | Vapor pressure | לחץ אדים | ASTM-D-5191 | | |
| 10 | A | P | Gasoline | בנזין | Motor octane number of spark ignition (MON) | קביעת מספר אוקטן בשיטת מנוע | ASTM-D-2700 | | |
| 11 | A | P | Gasoline | בנזין | Research octane number of spark ignition (RON) | מספר אוקטן בשיטת מחקר | ASTM-D-2699 | | |
| 12 | A | P | Kerosene | | Flash point by Abel (closed cup) method | נקודת הבזקה בשיטת אבל (בכלי סגור) | IP-170 | | |
| 13 | A | P | Aviation Fuel | דלק תעופתי | Freezing Point | נקודת קיפאון | ASTM D-2386 | | |
| 14 | A | P | Liquid petroleum products | מוצרי נפט נוזליים | Density by hydrometer (glass) method | קביעת צפיפות על ידי הידרומטר זכוכית | ASTM-D-1298 | | |
| 15 | A | P | Naphtha | נפטאות | Vapor pressure | לחץ אדים | ASTM-D-5191 | | |
| 16 | A | P | Petroleum distillates | תזקיקי נפט | Density by digital density meter | קביעת צפיפות על ידי מד צפיפות דיגיטלי | ASTM-D-4052 | | |
| 17 | A | P | Petroleum distillates | תזקיקי נפט | Distillation | זיקוק | ASTM-D-86 | | _ |

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| Item | Scope Type | 1 | Materials / Products Tested | Types of Test / Pro | Standard / Method | Opinion and Interpretation | Remarks | |
|---|---------------|----------|---|--|---------------------------------|----------------------------|---------------|--|
| Group of products: Fuels, Oils and Bitumens | | | | | | | ומנים | משפחת מוצרים: <i>דלקים, שמנים וביט</i> |
| Chei | mical T | Testing, | Classical Chemistry, Wet Chemistry Measure | nents | | ח | ות כימיה רטוב | בדיקות כימיות, כימיה קלאסית, מדיד |
| 18 | A | P | Liquid petroleum products (גפּ״מ) בחמימני מעובה (גפּ״מ) | Determination of mercaptans and hydrogen sulfide | קביעת מרקפטנים ומימן גופריתי | | | |

| Item | Scope Type | Site | Materials / Pr | roducts Tested | Types of Test / Properties Measured | | Standard / Method | Opinion and Interpretation | Remarks |
|------|--|------|-----------------------|----------------|-------------------------------------|--------------|-------------------|----------------------------|--|
| Gro | Group of products: Fuels, Oils and Bitumens | | | | | | | ומנים | משפחת מוצרים: <i>דלקים, שמנים וביט</i> |
| Che | Chemical Testing, Spectroscopy, UV/ Visible, UV Fluorescence | | | | | | UV פלואורסצנטיות | ם נראה/ UV, | בדיקות כימיות, ספקטרוסקופיה, תחו |
| 19 | A | P | Petroleum distillates | תזקיקי נפט | Sulfur content | תכולת גופרית | ASTM-D-5453 | | |

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|------|--|------|--------------------|---------------|-------------------------------------|--------------|-------------------|-------------------------------|---|
| Gro | Group of products: Fuels, Oils and Bitumens | | | | | | | ומנים | משפחת מוצרים: <i>דלקים, שמנים וביט</i> |
| Che | Chemical Testing, Spectroscopy, X-Ray Fluorescence | | | | | | טיות | י X פלואורסצו | <i>בדיקות כימיות, ספקטרוסקופיה,</i> קרנ |
| 20 | A | P | Petroleum Products | מוצרי נפט | Sulfur content | תכולת גופרית | IP-336 | | |

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