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CERTIFICATE OF ACCREDITATION

This is to attest that

JEWELLERY TECHNOLOGY RESEARCH MUCEVHER TEKNOLOJILERI ARASTIRMA MERKEZI ANONIM SIRKETI

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Testing Laboratory TL-1133

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 9, 2023



President

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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JEWELLERY TECHNOLOGY RESEARCH MUCEVHER TEKNOLOJILERI ARASTIRMA MERKEZI ANONIM SIRKETI

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Accredited to ISO/IEC 17025:2017

Effective Date May 9, 2023

Gemstone Testing	
BS EN ISO 18323:2015, Clause 2.1,2.2,2.3, 2.4 and IDC Rules for Grading Polished Diamond, 2013 Clause 1.1 (JTR Method 007)	Diamond Identification (Analysis with FT-IR, Raman, UV)
BS EN ISO 18323:2015, Clause 2.1,2.2,2.3, 2.4 and IDC Rules for Grading Polished Diamond, 2013, Clause 1.1 (JTR Method 013)	Diamond Identification (Mounted Diamond) (analysis by FT-IR, Raman, UV)
ISO: 3497: 2001 - Metallic Coatings, measurement of coating thickness by spectrometric methods, Clause 2.1 (JTR Method 014)	Gold Carat Detection (Mounted Diamond) XRF Device
ISO 24016:2020 Jewellery and precious metals - Grading polished diamonds -Terminology, classification and test Methods Clause 5, 10 (JTR Method 009)	Diamond Carat Detection (Mounted Diamond) (Theoretical Carat Calculation)
ISO 24016:2020(E), Clause 5 and IDC Rules for Grading Polished Diamond, 2013 Clause 5.1 (JTR Method 001)	Diamond Carat Detection (Precision Weighing)

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ISO 24016:2020(E), Clause 6 and IDC Rules for Grading Polished Diamond, 2013 Clause 3.1 (JTR Method 002)	Diamond Color Detection (Grading with Reference Diamonds)
ISO 24016:2020(E), Clause 6 and IDC Rules for Grading Polished Diamond, 2013 Clause 3.1. (JTR Method 010)	Diamond Color Detection (Mounted Diamond) (Rating with Reference Diamonds)
ISO 24016:2020(E), Clause 6.4 and IDC Rules for Grading Polished Diamond, 2013 Clause 3.2(JTR Method 004)	Diamond Fluorescence Detection (Rating with Reference Diamonds)
ISO 24016:2020(E), Clause 7 and IDC Rules for Grading Polished Diamond, 2013 Clause 2 (JTR Method 003)	Clarity Detection (Grade with Reference Diamonds)
ISO 24016:2020(E), Clause 7 and IDC Rules for Grading Polished Diamond, 2013 Clause 2 (JTR Method 011)	Diamond Clarity Detection (Mounted Diamond) (Grading with Reference Diamonds)
ISO 24016:2020(E), Clause 8 and IDC Rules for Grading Polished Diamond, 2013 Clause 4 (JTR Method 005)	Diamond Cut and Symmetry Detection (Helium Device and 10x loupe)
ISO 24016:2020(E), Clause 8.4.2 and IDC Rules for Grading Polished Diamond, 2013, Clause 4.3 (JTR Method 005)	Diamond Symmetry Detection (Mounted Diamond) (10x loupe)
TS 7000(ICS 39.060; 77.120.70) - Article 8.2.2 (JTR Method 008)	Total Weight Determination (Mounted Diamond) (Precision Weighing)