SIRIM QAS International Sdn. Bhd.
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TEST REPORT

REPORT NO : 2025MA0395	PAGE : 1 OF 7

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Applicant	: SHELLEMAS SDN. BHD. No. 41, Jalan Mas Jaya 2, Kawasan Perindustrian Mas Jaya, Hulu Langat, 43200 Cheras, Selangor Darul Ehsan, MALAYSIA.
Manufacturer	: Not Stated.
Product	: Kasut Kawad Wanita
Reference Standard / Method of Test	: Spesifikasi Teknikal Bagi Pembekalan Kasut Kawad Lelaki Dan Wanita Polis Diraja Malaysia (PDRM)
Description of sample/ Description of Test Specimen	: 1 pair of Kasut Kawad Wanita

Disclaimer: All the information stated above has been provided/agreed by the Applicant. SIRIM QAS International Sdn. Bhd. shall not be held responsible for the accuracy, completeness, or validity of the information provided by the Applicant which may affect the validity of the test results. The accuracy and reliability of the test results are contingent upon the integrity and accuracy of the information provided by the Applicant.

Date Received of Complete Application	: 08 April 2025
Job No.	: J20251390327
Description of Test Results/ Overall Test Result	: The test results of the submitted test samples are described in page 2 to page 5 of this test report.
Issued Date	: 25 April 2025

Approved Signatory;

(MOHD YUNUS BIN ABDUL M[illegible])
Testing Executive

SIRIM QAS International Sdn. Bhd. MECHANICAL & AUTOMOTIVE SECTION

(MOHD KAMARULZAMAN BIN MAT ZIN)
Head
Mechanical & Automotive Section
Testing Services Department

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TEST RESULTS

Model: Kasut Kawad Wanita Polis Diraja Malaysia (PDRM)

Clause	Requirement	Results/observations
2.1	Performance Specification	
2.1.1	Design, Pattern Dimensions	
2.1.1.1	The shoes shall be of laced-up Oxford design; the upper side is fully leather while the sole side is of vegetable tanned leather. The sole and heel are attach directly to the upper side.	- Laced-up Oxford design - The upper side is fully leather while the sole side is of vegetable tanned leather. - The sole and heel are attach directly to the upper side.
2.1.1.2	The front of the shoe shall be in the shape of an 'A' and of medium hard material.	- Shape of an 'A' and of medium hard material.
2.1.1.3	The shoes sizes are available in UK size as follows:- 4, 5, 6, 7, 8, 9, 10, 11,12 13	- Not stated on the shoe.

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Model: Kasut Kawad Wanita Polis Diraja Malaysia (PDRM)

Clause	Requirement	Results/observations
2.1.2	**Materials**	
2.1.2.1 **2.1.2.1.1**	**Upper Leather** The upper leather shall be black chrome tanned smooth grain with thickness as follows :- a) Vamp - Full Grain Leather - Min. 1.2mm b) Quarter -Full Grain Leather - Min. 1.2mm c) Back strap - No back strap d) Tongue - Full Grain Leather - Min. 1.2mm e) Toe Cap - Full Grain Leather - Min. 1.2mm f) Vamp Lining - Black non-Woven (polyester) -Min. 1.0mm g) Quarter Lining - PVC/ Leather - Min. 0.4mm h) Counter Lining – Suede Leather - min 1.1mm	 a) Vamp: Full grain leather. Thickness: 1.42 mm b) Quarter: Full grain leather. Thickness: 1.59 mm c) Back strap: Full grain leather. Thickness: 1.42 mm d) Tongue: Full grain leather. Thickness: 1.30 mm e) Toe Cap: Full grain leather. Thickness: 1.35 mm f) Vamp Lining: Black non-woven. Thickness: 1.10 mm g) Quarter Lining: Leather. Thickness: 0.58 mm h) Counter Lining: Suede leather. Thickness: 1.16 mm
2.1.2.2	**Toe Puff** The toe puff shall be of Polyester material of min. 0.6 mm in thickness	- Polyester. - Thickness: 1.22 mm
2.1.2.3	**Counter** The counter shall be polyester material of min. 1.0 mm in thickness.	- Polyester. - Thickness: 1.10 mm

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Model: Kasut Kawad Wanita Polis Diraja Malaysia (PDRM)

Clause	Requirement	Results/observations
2.1.2.4	**Sewing Thread** The sewing thread shall be polyester with min. 4 stitch per cm	- 4 stitch per cm
2.1.2.5	**Eyelets** The eyelets shall be made of brass with black coated. There shall be 3 pairs (diameter min 7.3 mm)	- Brass with black coated. - 3 pairs - Diameter: 7.80 mm
2.1.2.6	**Laces** The laces shall be made of black round polyester of min. 58 cm in length.	- Black round polyester - Length: 78 cm
2.1.3	**Insole** The insole shall be cellulose board of thickness min. 1.7 mm	- Cellulose board. - Thickness: 1.86 mm
2.1.3.1	**Steel Shank** There shall be a steel shank between the insole and the midsole. The shank shall be from carbon steel with dimension as follows :- Length - min 100 mm Width - min. 14.2 mm Thickness - min. 1.0 mm	- Steel shank between the insole and the midsole. - Steel. - Length: 108.67 mm - Width: 14.67 mm - Thickness: 1.18 mm
2.1.3.2	**Sole** The sole shall be vegetable tanned leather of thickness min. 4 mm	- Vegetable tanned leather. - Thickness: 5.33 mm
2.1.3.3	**Heel** The heel shall be made from polyethylene of min. 26 mm thickness.	- Polyethylene - Thickness: 30.48 mm
2.1.3.4	**Heel Tip and Toe Tip** The heel tip and toe tip shall be in the shape of horseshoe and made from alloy steel with thickness min. 0.2 mm	- Shape of horseshoe. - Alloy steel. - Heel tip: 4.40 mm - Toe tip: 3.69 mm

SIRIM QAS International Sdn. Bhd. MECHANICAL AUTOMOTIVE SECTION

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Model: Kasut Kawad Wanita Polis Diraja Malaysia (PDRM)

Clause	Requirement	Results/observations
2.1.3.5	**Insock** The in sock shall be from black PVC material of min. 0.3 mm in thickness.	- Black PVC - Thickness: 4.44 mm
2.1.3.6	**Insock Padding** The insock padding shall be a polyethylene sponge material of min. 1.6 mm in thickness.	- Polyethylene sponge. - Thickness: 2.83 mm
2.1.3.7	**Welt** The welt shall be made of rubber with single stitching.	- Made from rubber with single stitching.
2.1.3.8	**Studs** The studs shall be made from iron plated with zinc min. 7 pieces.	- Made from iron plate. - 7 pieces.
2.1.4	**Sole Adhesion** Test Min 40 kgf	- 48 kgf
2.1.5	**Flexing Test** No cracking on sole after min. 50,000 cycles.	- No cracking before 50000 cycles.

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PHOTO OF SAMPLE



Figure 1: Photo of Model Kasut Kawad Wanita Polis Diraja Malaysia (PDRM)

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1. A Test Report will be issued in respect of the Testing Services conducted and shall relate only to the sample actually tested by SIRIM QAS International. The results in the Test Report will be based on all the information provided by the Applicant, unless otherwise stated. SIRIM QAS International makes no warranties whatsoever, and the Applicant shall not represent in any manner that any duplication or mass production of the Product is identical to the Sample actually tested, or that SIRIM QAS International has tested any duplicated or mass-produced Product. Measurement uncertainty shall be included in the Test Report when no statement of conformity is required.

2. For quantitative test results (with values), when a statement of conformity to a specification or standard is applied, the Simple Acceptance Rule shall be used. Unless otherwise stated, the Acceptance Rule with Guard Band will be applied, and an additional charge will be incurred accordingly.

3. For qualitative test results (visual observation), when requested by the applicant, a statement of conformity shall be included in the Test Report. If there is no request by the Applicant, a statement of conformity can be included in the Test Report based on SIRIM QAS International Sdn. Bhd.'s discretion.

4. The Applicant shall not at any time misrepresent the content of any Test Report provided by SIRIM QAS International Sdn. Bhd., nor shall the Test Report be misused, amended, changed, varied, or modified in any manner whatsoever by the Applicant or otherwise.

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6. The Applicant is not permitted to use any SIRIM QAS International Sdn. Bhd., SIRIM Berhad or other SIRIM subsidiaries logos or words on packaging, sample manuals, technical specifications, items and products.

7. Subject to consent and written approval from the Head of Quality, Occupational Safety and Health & Environment (QOSHE) of SIRIM QAS International Sdn. Bhd., the Applicant may use the SIRIM QAS International Sdn. Bhd. logo or word on promotional materials. The Applicant shall only include the phrase, "A sample of this product has been tested by SIRIM QAS International Sdn. Bhd. (Test Report No) ...(dated) ... (for what test) ... (to which standard)", or similar words emphasizing that only the sample was tested. This phrase shall only be used for product advertisements or promotions (e.g.: brochures, flyers, official website). For clarity, the statement shall not be used on the sample, packaging, items or products.

8. In the event there is an investigation from a Government Regulatory Agency concerning the Applicant's Test Report, SIRIM QAS International Sdn. Bhd. may disclose the information pertaining to the Test Report for the purposes of such investigation.

9. In the event that the Applicant is found in breach of this provision, SIRIM QAS International Sdn. Bhd., SIRIM Berhad and/or other SIRIM subsidiaries may, without prejudice to any other rights and remedies, take whatever actions are necessary including but not limited to:
   a) Informing and placing a notice in the media;
   b) Obtaining an injunction from the Court (costs on a solicitor-client basis to be borne by the Applicant);
   c) Refusing to accept any further Products for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
   d) Instructing the Applicant to withdraw and recall the advertisement, statement, or document in question and to publish a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
   e) Informing or lodging a report pertaining to the Applicant's Test Report with the relevant authorities.

10. SIRIM QAS International is committed to supporting environmentally friendly business practices by reducing paper consumption. Therefore, we do not issue any hard copies of the Test Report to the Applicant. However, additional certified true copies or softcopies of the Test Report may be issued upon request by the Applicant, subject to payment of the relevant fee. Certified true copies or softcopies of the Test Report shall only be provided for Test Reports issued not more than **three (3) years** from the date of issuance.

11. The Issuance of an Amendment Report due to the following reasons is chargeable to the Applicant:
    a) Typo or change1 in details of the Applicant's name and/or address; or
    b) Typo or change1 in details of the Manufacturer's name and/or address; or
    c) Typo or change1 in details of the Factory location name and/or address; or
    d) Typo or change1 in details of the brand, size, model and/or type designation; or
    e) Typo in details of the description of sample.

    Note: [1]Applicable only for electrical and electronic products based on IECEE OD-2020.

12. Any corrections and/or changes to the Report requested by the Applicant shall only be allowed if the date of issuance of the original Test Report has not exceeded six (6) months and shall be limited to a maximum of three (3) times. After either of these conditions is met, no further amendments to the Test Report shall be issued.

13. However, the issuance of a Supplementary Report due to the following reasons is free of charge (FOC):
    a) Misprints and typographical errors;
    b) Missing technical information as agreed in the PP1 form;
    c) Test data not reported; or
    d) Mistakes in the reporting of test data.