

SATRA TECHNOLOGI SATRA

CES (DONGGUAN) LTD **Technical Report**

WORK REQUESTED:

SATRA TECHNC The footwear described as Safety footwear, referenced as TOTECTORS WILLIAMS AT WP SATRA TECHNOL was received on 8th December 2023 for testing to EN 13832-1:2018 Clause 4.2 - Splashing test, in accordance with footwear performance Type U specified in EN 13832-2:2018 -Footwear protecting against chemicals - Requirements for limited contact with chemicals. GUANILTO RA TECHNOLOGY SEI

SAMPLE SUBMITTED:

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OGY SERVICES (DO) Footwear described as TOTECTORS WILLIAMS AT WP

CONCLUSION:

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Chemical	Result
40% Sodium hydroxide (CAS: 1310-73-2)	No major defects
96% Sulphuric acid (CAS: 7664-93-9)	No major defects
25% Ammonium hydroxide (CAS: 1336-21-6)	No major defects
30% Hydrogen peroxide (CAS: 7722-84-1)	No major defects
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Full results are reported in the following tables.	

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OGY SERVICES (DONGGUAN) LTD Full results are reported in the following tables.

Report ID/Issue number:

SATRA Report Reference: CHM8773B3V8 2350 35718/1

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TESTING REQUIRED:

SATRA

EN 13832-1:2018 - Footwear protecting against chemicals. Terminology and test methods. Splashing resistance test in accordance with Clause 4.2, to the requirements of EN 13832-2:2018, Clause 6.2 in accordance with SATRA SOP CAT-055.

SATRA TECHN **RESULTS:**

Samples were stored at 23 (± 2) °C and 50 (± 5) % relative humidity for at least 24 hours prior to testing.



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SATRA TEC APPENDICES:

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Tests marked ¥ are performed under SATRA's Flexible UKAS Schedule.

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Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is taken into account based on a non-binary acceptance which itself is based on the guard band being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

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Where a report contains SATRA guidelines values then uncertainty of measurement values have been taken into account when determining the guideline values and as such are not considered when determining pass/ fail criteria.