Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames TW18 3HR

1136

Accredited to ISO/IEC 17025:2017

SPS Technologies Limited

Issue No: 027 **Issue date:** 17 September 2026

TJ Brooks Division
191 Barkby Road
Troon Industrial Area
Leicester
LE4 9HX

Contact: No commercial enquires

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FASTENERS: METAL METALS, ALLOYS and METAL PRODUCTS	<u>Corrosion Tests</u>	
	Salt spray	ASTM B117-26
	<u>Mechanical Tests</u>	
Metals and alloys	Tensile at ambient temperature (Forces 5 to 400 kN)	BS EN ISO 6892-1 :2019 (Method B)
Nuts, bolts and assemblies	Tensile at ambient temperature (Forces up to 1200 kN)	NASM 1312-8 Rev 3 (2025) NAM 1312-108 Rev 1(2020)
Bolts	Shear at ambient temperature (Forces up to 1200 kN)	NASM 1312-13 Rev 2 (2013(R25)) NAM 1312-113 Rev 2 (2023)
	Fatigue at ambient temperature (Forces max from 1 to 450 kN)	NASM 1312-11 Rev 3 (2024) NAM 1312-111- Rev 1 (2020)
Nuts	Torque (up to 600 Nm)	Documented In-House Methods Laboratory Instruction LI 05 based on ISO 7481-2023, BS 2A 295:2000, ISO 7481:2000 (Superseded, Withdrawn) Clauses 3.3, 3.8 and 3.9 ISO 8642-2025, BS ISO 8642:2025 Clauses 3.3, 3.7 and 3.8
Nuts and Bolts	Stress durability	Documented In-House Method, Laboratory Instruction LI 41
Bolts	Recess torque	Documented In-House Method Laboratory Instruction LI 46 NASM 1312-25 Ed 2 (2023)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FASTENERS: METAL METALS, ALLOYS and METAL PRODUCTS (cont'd)	Mechanical Tests (cont'd)	
Metal fasteners	Hardness:	
	Vickers (HV30)	BS EN ISO 6507-1:2023 ASTM E92:23
	Rockwell (HRC)	BS EN ISO 6508-1:2023 ASTM E18-25
	Chemical Analysis	
Titanium alloy fasteners	Hydrogen determination	Documented In-House Method Laboratory Instruction LI 16
Titanium alloys Low alloy steels Stainless steels Ni-base alloys	Metallographic determination of: -	
	Grain size (Comparison Method)	ASTM E112-25
		Documented In-House Methods
	Grain flow	Laboratory Instruction LI 20
	Surface contamination	Laboratory Instruction LI 20
	Thread defects	Laboratory Instruction LI 20
	Overheating	Laboratory Instruction LI 20
END		