

Capability Statement

Founded in 1979 Global Digital Systems Ltd (Operating name GDS Instruments) designs, develops and manufactures materials testing machines and software used for the computer-controlled testing of soils and rocks. This technology is used to evaluate the mechanical properties that are key in geotechnical and earthquake engineering design. In 2011 GDS were awarded the coveted Queens Award for "Enterprise in International Trade".

Core Competencies

Manufactures of a Large Range of Geotechnical Testing Apparatus, for Varying Loads & Forces:

- [Static & Dynamic Triaxial Testing](#)
- [Rock Mechanics](#)
- [Shear Testing](#)
- [Environmental Temperature Controlled](#)
- [Resonant Column](#)
- [Hollow Cylinders](#)
- [Field Geophysics](#)
- [Consolidation System](#)
- [Pressure & Volume Controllers](#)
- And More...

Special Products Group (SPG):

- GDS' SPG provide a service for creating bespoke testing apparatus. Existing drawings can be adapted or complete new systems designed.

On-site Training & Installation Carried out by Geotechnical Engineers:

- GDS quality assure all equipment before shipping and can provide on-site training and installation if required. All installations and training are carried out by qualified Geotechnical Engineers.

Highly Skilled Workforce:

- GDS UK based staff include 3 PhD's, 8 qualified geotechnical engineers, 4 software designers, 4 hardware designers and 5 electrical/electronics specialists.

World Renowned Technical Support:

- GDS have their own dedicated online support centre where you can find product helpsheets and log your queries. They also provide email, telephone and remote access technical support should it be required.

Company Snapshot

Gov. Business POC: Jo Hatherley
Phone: +44 (0)1256 382450
Email: jo@gdsinstruments.com
Address: Unit 32 Murrell Green Business Park, London Road, Hook, Hampshire, RG27 9GR, UK
Website: www.gdsinstruments.com

Cage Code: U5305 **Duns:** 225134881

Past Performance



Bureau of Reclamation

4 Total Contracting Actions.

[Details of FPDS.gov Bureau of Reclamation History](#)



Sentel Corporation

(Dept of the Army)

3 Total Contracting Actions.

[Details of FPDS.gov Dept of the Army History](#)

NAICS, PSC & Class Codes

(For Full class code descriptions please contact us direct)

NAICS Codes	Description
334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
334516	Analytical Laboratory Instrument Manufacturing
541690	Other Scientific and Technical Consulting Services
Product & Service Codes	
3710	Soil Preparation Equipment
6655	Geophysical Instruments
6685	Pressure, Temperature and Humidity Measuring and Controlling Instruments
B532	Special Studies/Analysis-Soil
H266	Equipment and Materials Testing Instruments and Laboratory Equipment
H270	Equipment and Materials Testing, Automatic Data Processing Equipment (Including Firmware) Software, Supplies and Support Equipment.
N066	Installation of Equipment, Instruments and Laboratory Equipment.