



# Soil Property Testing Ltd.

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## Specification for Highway Works Clause 803 – Granular Sub-base material TYPE 2

### TESTING REQUIRED FOR COMPLIANCE TO EUROPEAN STANDARDS (BS EN 13285)

Grading designation 0/31.5G<sub>E</sub>, Max fines UF<sub>9</sub>, Oversize OC<sub>75</sub>. G<sub>E</sub> (SHW table 8/1)

	Test	Method	Amount required	Compliance	Cost
1	Particle Size Distribution	BS EN 933-1	See Table 7/3	Table 8/6	£56.00
2	Determination of Plasticity Index including wet sieve prep passing 0.425mm	BS1377:Part2: 1990	20 grams passing 0.425mm	Less than 6	£39.50
3	Resistance to Fragmentation – Los Angeles Test	BS EN 1097-2	10kg – passing 14mm retained 10mm	LA <sub>50</sub>	£99.00
4	Resistance to Freezing and Thawing – Magnesium Sulphate Soundness Test	BS EN 1367-2	10kg – passing 14mm retained 10mm	MS <sub>35</sub>	£130.00
5	Water Absorption Test	BS EN 1097-6		WA <sub>24</sub> NR supplier to state	£47.25 per fraction
6	Testing for Constituent Materials in Recycled Coarse Aggregate and Recycled Concrete Aggregate	BS EN 933-11	See Table 7/3	Table 8/3	£130.00
<b>OTHER TESTS REQUIRED FOR PARTICULAR CONDITIONS</b>					
A	Water Soluble Sulphate (Test No. 1) Oxidisable Sulphides (Test No. 2 and No. 4) Total Potential Sulphate (Test No. 4)	BS EN 1744-1	2kg	SHW Clause 801	POA
B	Volume stability of blast furnace slag Dicalcium Silicate and Iron Disintegration	BE EN 1744		Free from both	POA
C	Volume stability of steel (BOF & EAF) slags			V <sub>5</sub>	POA
D	All other BS EN 13242 aggregate requirements			N <sub>R</sub>	POA
E	Dry Density/Moisture Content Relationship	BS EN 13286-4	80kg		£115.50
F	If greater than 50% asphalt (Class A) – Recovered bitumen content			not more than 10%	POA
G	If greater than 50% asphalt (Class A) – Moisture content				POA