



# Soil Property Testing Ltd.

## Materials Division



18 Halcyon Court, St Margarets Way, Stukeley Meadows, Huntingdon, Cambs. PE29 6DG

Telephone (01480) 455579 Fax (01480) 453619

E-mail: [customerservices.spt@btconnect.com](mailto:customerservices.spt@btconnect.com)

MPT INFORMATION PAPER –SH4 805 April 2008

### Specification for Highway Works Clause 805 – Granular Sub-base material TYPE 4 ( Asphalt Arisings)

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

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

	<b>Test</b>	<b>Method</b>	<b>Amount reqd.</b>	<b>Compliance</b>
<b>1</b>	Particle Size Distribution	BS EN 933-1	See Table 7/3	Table 8/7
<b>2</b>	Determination of Plastic Limit including wet sieve prep passing 0.425mm	BS1377:Part2:1990	20 grams passing 0.425mm	non-plastic
<b>3</b>	Resistance to Fragmentation – Los Angeles Test	BS EN 1097-2:1998	10kg – passing 14mm retained 10mm	LA <sub>50</sub>
<b>4</b>	Resistance to Freezing and Thawing – Magnesium Sulphate Soundness Test	BS EN 1367-2:1998	10kg – passing 14mm retained 10mm	MS <sub>35</sub>
<b>5</b>	Water Absorbion Test	BS EN 1097-6:2000		WA <sub>24</sub> NR supplier to state
<b>6</b>	Testing for Constituent Materials in Recycled Coarse Aggregate and Recycled Concrete Aggregate	Specification for Highway Works Series 700 710 (05/01)	See Table 7/3	Table 8/3
	<b>OTHER TESTS REQUIRED FOR PARTICULAR CONDITIONS</b>			
<b>A</b>	Water Soluble Sulfate (Test No. 1) Oxidisable Sulfides (Test No. 2 and No. 4) Total Potential Sulfate (Test No. 4)	TRL Report 447 – BS EN 1744-3	2kg	SHW Clause 801
<b>B</b>	Volume stability of blast furnace slag Dicalcium Silicate and Iron Disintegration	BE EN 1744-1:1998 19.1 & 19.2		Free from both
<b>C</b>	Volume stability of steel (BOF & EAF) slags			V <sub>5</sub>
<b>D</b>	All other BS EN 13242 aggregate requirements			N <sub>R</sub>