

Determination of Density and Compressive Strength of SMR Cubes

Testing carried out in accordance with Specification for Reinstatement of openings in Highways - Third Edition 2010 Table A9.1

Site: **L & S Farlington Redoubt**
 Client: **L & S Waste Management Ltd**
 Attention: **Ian Bradbury**
 Date Received: **14/02/2012**


The density of the cubes was measured by dimensions
 All cubes were cured in a moist condition
 The mode of failure was normal unless otherwise stated
 The cross sectional dimensions of the cubes were nominal unless otherwise stated
 Cubes manufactured in non certified moulds

Invix: **C1:5/2 Non Flowable SMR**
 Supplier: **L & S Waste Management**
 Source: **Farlington**
 Ticket No. **N/A**

Lab. Cube Number	Location	Date Cast	Age at Test (Days)	Date Tested	Cube Mass g	Cube Density kg/m ³	Load KN	Comp. Strength Mpa	Mean of Set Mpa	Rolling Mean of four Sets Mpa
E 7602 A	Farlington Yard	14/02/12	7	21/02/12	7048	2070	35.7	1.6		
E 7602 B		"	28	13/03/12	6931	2050	56.5	2.5		
E 7602 C		"	28	"	7097	2030	59.8	2.6		
									2.6	N/A

Remarks:

Cubes A & C oversized; strength & density calculated from measured dimensions

Signed: 

Approved Signatories: **M. Mullane**: Lab. Manager
E. Frost: Senior Technician
 Date: **13/3/12**