



TANMAY BHATTACHARYYA/Scientific services/JSRNOTES/TATA STEEL LIMITED/IN

08/11/2007 17:33

Kinjal Att., Mr. Salish Deshpande, 17.11.07

To US GOEL/LPTG/TATA STEEL LIMITED/IN@TATA STEEL

cc T Venugopalan/CRM - Tata Steel@TATA STEEL, INDRANIL CHAKRABARTI/ITS - Tata Steel@TATA STEEL, BISWAJIT GHOSH/ITS - Tata Steel@TATA STEEL, S K GHOSH/SCIENTIFIC SERVICES/TATA STEEL LIMITED/IN@TATA STEEL

bcc

Subject PULL OUT TEST RESULT REPORT OF STEEL GUARD NANO COATED TMT OF 10 mm DIA WITH CONVEXTRA GP-2 CEMENT

Physical Laboratory

PULL OUT TEST RESULT REPORT OF STEEL GUARD NANO COATED TMT OF 10 mm DIA WITH CONVEXTRA GP-2 CEMENT

Sample received on 03.11.07 evening

Crushing Load (KN)	255	270	285
Crushing Strength (Kg/Cm ²)	259	275	290

SLIP (mm)	Plain-1 Load (KN)	Plain-2 Load (KN)	Plain-3 Load (KN)	Plain Avg. Load (KN)	NCT-1 Load (KN)	NCT-2 Load (KN)	NCT-3 Load (KN)	NCT Avg. Load (KN)	Ratio NCT Vs Plain (%)
0.025	4.10	4.90	5.20	4.73	8.00	10.00	9.80	9.27	95.77
0.250	7.90	7.15	8.50	7.85	33.60	33.80	32.60	33.33	324.63

Based on the above observations, the material conforms to IS 1786 for bond strength. Detailed report follows.

Regards,

Tanmay Bhattacharyya