



CONSTRUCTION OBSERVATION REPORT

Project: The Park Danforth
Client: The Park Danforth
Client's Rep.: Ron Norton

S.W.COLE Project No.: 14-0065.2
Date: Ongoing weekly site visits
Weather: Seasonal

Work in Progress: Northern Plasterwork: Application of spray fire resistant material (SFRM) on structural steel framing in new building area.

Work Performed by S.W.COLE Rep.: Performed thickness, adhesion/cohesion and density testing on SFRM in accordance with the project requirements.

General Observations and Discussions: In coordination with PC Construction and their subcontractor (Northern Plasterwork), we have been making weekly visits to perform the project required testing associated with spray fireproofing application. As of 5/6/16, Northern Plasterwork has largely completed spraying on the interior members on the first, second, third, and fourth framing levels. Portions of the building exterior have been sprayed, but the bulk of the exterior remains in progress awaiting better weather. The shaft areas have also not been completed.

Field testing being performed to date indicates the specified thickness is consistently being applied on decking and beam substrates. Most of the columns were also found to have the required thickness, however, column F/8 on the second floor and columns G/8, G/9 and G/10 on the third were found to have insufficient product thickness during initial testing. Also, all of the HSS bracing members on the east half of the second and third floors need additional fireproofing to satisfy the project specified thicknesses. To date, all of the density samples obtained have meet or exceeded the minimum 15-pcf value. Adhesion/cohesion tests set up have not been finalized yet because fireproofing has not sufficiently cured to allow for testing.

The locations found to have insufficient thicknesses were marked with paint and discussed with Northern Plasterwork (Dan). We understand PC is also aware of the areas pending completion and will leave them accessible as needed.

Detailed test reports are being generated and will be distributed once all of the required testing has been completed for the respective test area.

Time Onsite: Various
Attachments: Photo
Sheet: 1 of 1

S.W.COLE Rep.: K. Gimpel
Rev. by: RED



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