

Technical Review Board Memorandum

Date: September 28, 2020

Issue: **Operational & Functional Components (OFCs) -
Life Safety Abatement Manual and Website**

Discussion:

Engineers & Geoscientists BC (EGBC), under the Ministry of Education's Seismic Mitigation Program, and as part of the development of the next edition of the Seismic Retrofit Guidelines (SRG2020), have prepared a manual to assist with the seismic abatement of Operational and Functional Components (OFCs) in provincial schools.

OFCs (non-structural hazards) are comprised of the furniture and the architectural, electrical and mechanical components that make a school operational. OFCs can pose a significant injury risk to students and staff if they are not effectively restrained to minimize falling hazards. All school buildings require restraint of their OFCs.

This manual is the formal documentation of acceptable abatement measures for mitigating the risks posed by OFCs and has been prepared for both the structural Engineer-of-Record (EOR) and the contractor. The EOR is responsible for the design and review of OFCs abatement construction. The contractor implements the OFCs restraint details in the field. The contractor can adopt more cost-effective methods of abating the OFCs if the EOR determines that the contractor's proposed alternative is equal to or better than the standards given in this manual.

A website has also been created to provide a home for the manual and drawings. The website also includes a tab for providing feedback to the Technical Review Board Steering Committee. Feedback from EOR's in the field to the authors of this manual is strongly encouraged for the ongoing updating of this manual to reflect best current practice for OFCs abatement.

Access to the OFC's website is as follows:

1. Website: <https://ofcs.egbcbsb.com/>
2. Username: srgpartners
3. Password: ofcsSRG2020

Any questions to this memo can be addressed top the TRB Manager, Phillip Chambers at <mailto:phillipchambersconsulting@shaw.ca>.